AIRPORT LAYOUT PLAN

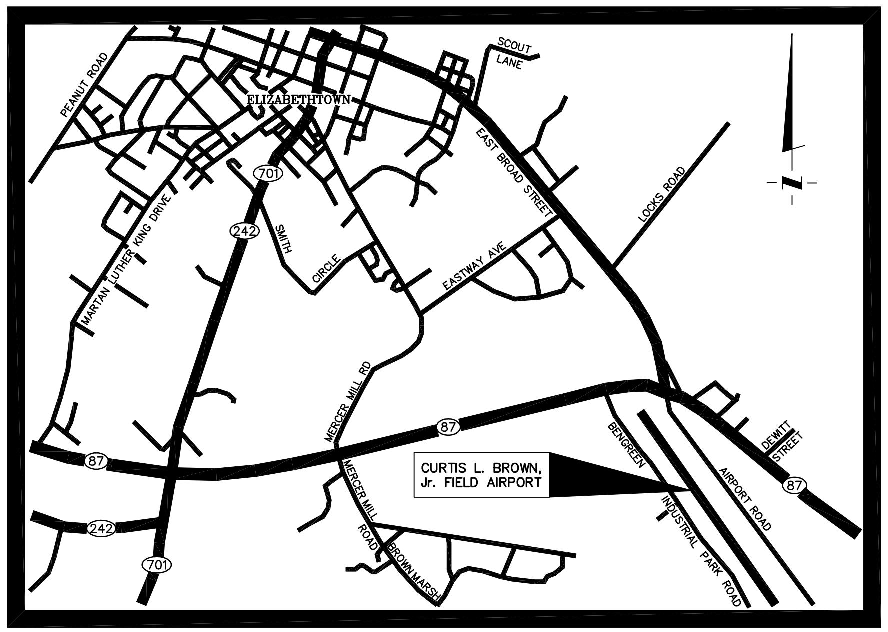
FOR THE

CURTIS L. BROWN, Jr. FIELD (EYF)

ELIAZBETHTOWN, NORTH CAROLINA

OCTOBER 2009

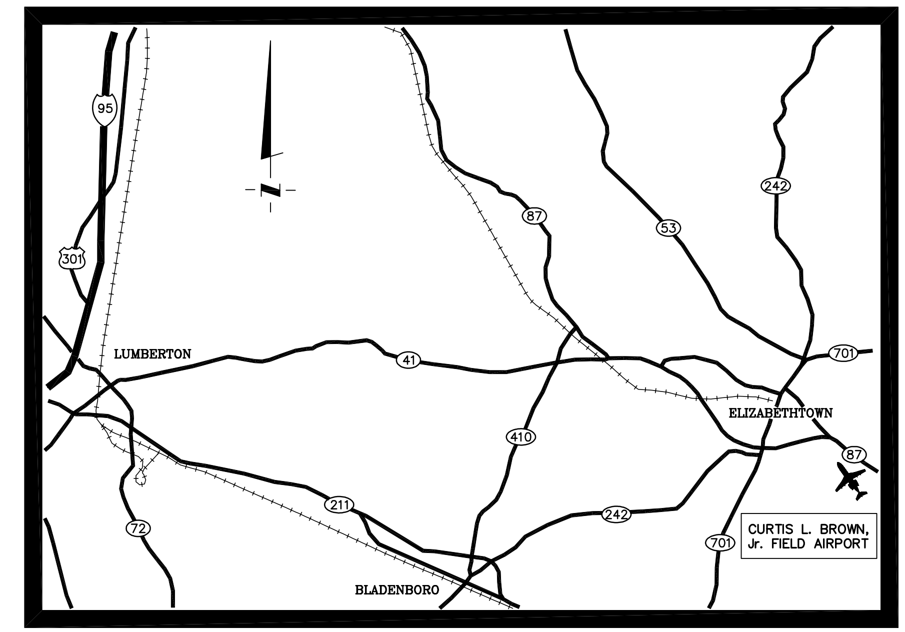
DRAFT



LOCATION MAP
SCALE: 1"= 2,000'

LIST OF DRAWINGS

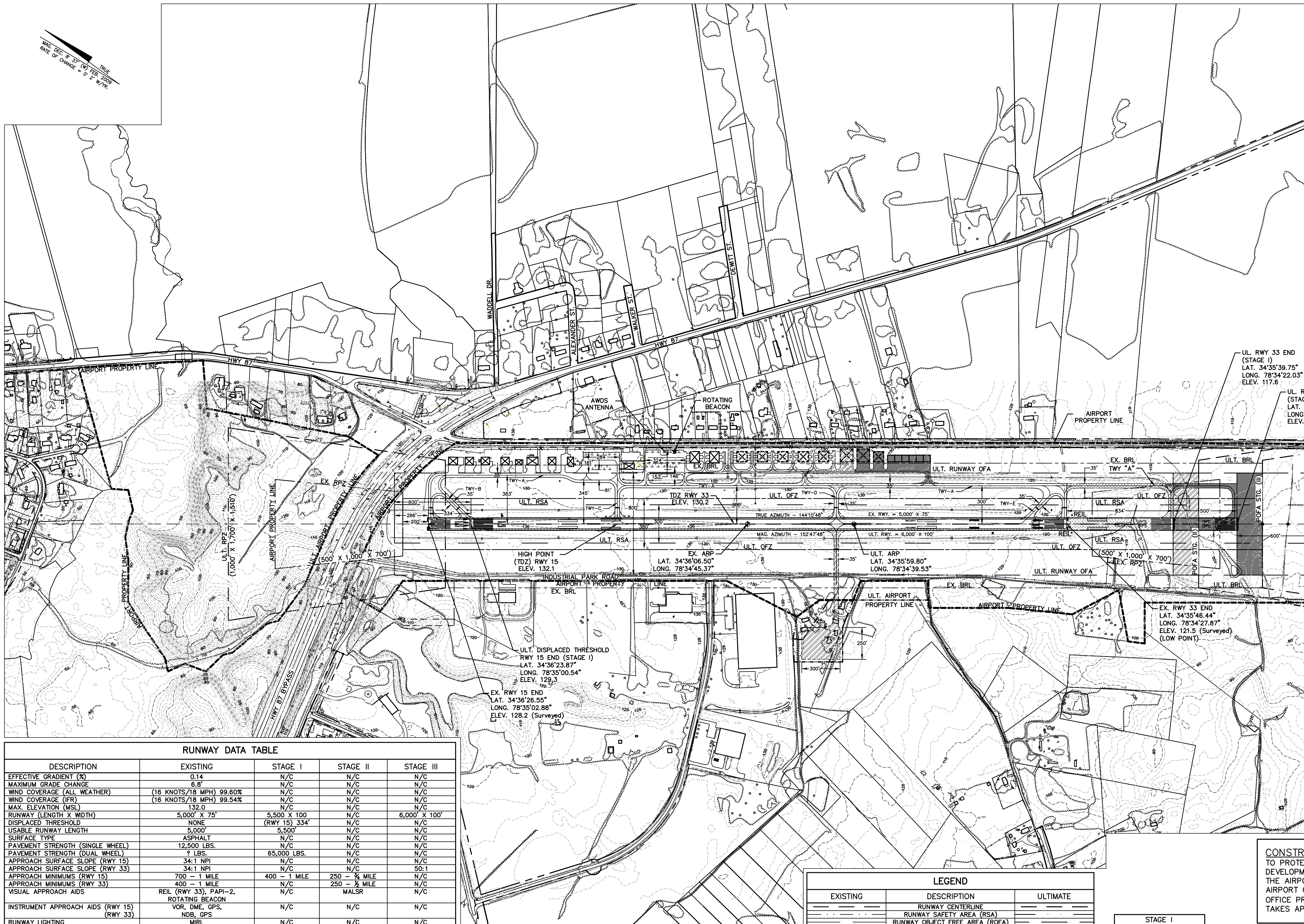
1. COVER SHEET
2. AIRPORT LAYOUT PLAN (ALP)
3. AIRSPACE PLAN (1)
4. AIRSPACE PLAN (2)
5. INNER APPROACH SURFACES, RUNWAY 15
6. INNER APPROACH SURFACES, RUNWAY 33 (I)
7. INNER APPROACH SURFACES, RUNWAY 33 (II)
8. DEPARTURE SURFACES RUNWAY 15
9. DEPARTURE SURFACES RUNWAY 33
10. TERMINAL AREA PLAN (TAP)
11. LAND USE PLAN
12. EXHIBIT "A"

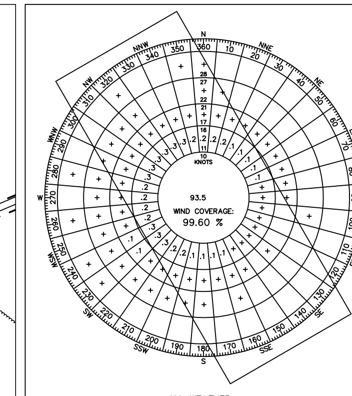


VICINITY MAP
SCALE: 1"= 2 MILE

WK DICKSON
community infrastructure consultants
1001 PINNACLE POINT DRIVE
SUITE 110
COLUMBIA, SC 29223
(803) 786-4261
OFFICE LOCATIONS:
North Carolina Georgia
South Carolina Kentucky

MAG. DEC. 8° 37' (W) FEB. 2009
RATE OF CHANGE = 0° 2' W/YR.
TRUE





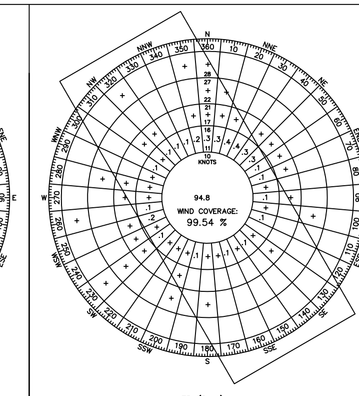
ALL WEATHER

DIRECTION	10.5 KTS/12 MPH	13 KTS/15 MPH	16 KTS/18 MPH
15	37.71%	38.32%	38.91%
33	46.56%	47.43%	48.15%
CALMS	12.82%	12.82%	12.82%
TOTAL WIND COVERAGE	96.82%	98.29%	99.60%

NOTE: MAY NOT TOTAL DUE TO ROUNDING

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINSTRATION
STATION: FORT BRAGG – SIMMONS, NORTH CAROLINA
PERIOD COVERED: 1990–1999

CURTIS L. BROWN, JR. FIELD
ALL WEATHER WIND ROSE



IFR (DAY)

DIRECTION	10.5 KTS/12 MPH	13 KTS/15 MPH	16 KTS/18 MPH
15	32.85%	33.12%	33.40%
33	55.47%	56.39%	57.17%
CALMS	9.25%	9.25%	9.25%
TOTAL WIND COVERAGE	97.30%	98.49%	99.54%

NOTE: MAY NOT TOTAL DUE TO ROUNDING

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINSTRATION
STATION: FORT BRAGG – SIMMONS, NORTH CAROLINA
PERIOD COVERED: 1990–1999

CURTIS L. BROWN, JR. FIELD
IFR WEATHER WIND ROSE

RUNWAY DATA TABLE

DESCRIPTION	EXISTING	STAGE I	STAGE II	STAGE III
EFFECTIVE GRADIENT (%)	0.14	N/C	N/C	N/C
MAXIMUM GRADE CHANGE	6.8'	N/C	N/C	N/C
WIND COVERAGE (ALL WEATHER)	(16 KNOTS/18 MPH) 99.60%	N/C	N/C	N/C
WIND COVERAGE (IFR)	(16 KNOTS/18 MPH) 99.54%	N/C	N/C	N/C
MAX. ELEVATION (MSL)	132.0	N/C	N/C	N/C
RUNWAY (LENGTH X WIDTH)	5,000' X 75'	5,500 X 100	N/C	6,000' X 100'
DISPLACED THRESHOLD	NONE	(RWY 15) 334'	N/C	N/C
USABLE RUNWAY LENGTH	5,000'	5,500'	N/C	N/C
SURFACE TYPE	ASPHALT	N/C	N/C	N/C
PAVEMENT STRENGTH (SINGLE WHEEL)	12,500 LBS.	N/C	N/C	N/C
PAVEMENT STRENGTH (DUAL WHEEL)	? LBS.	65,000 LBS.	N/C	N/C
APPROACH SURFACE SLOPE (RWY 15)	34:1 NPI	N/C	N/C	N/C
APPROACH SURFACE SLOPE (RWY 33)	34:1 NPI	N/C	N/C	50:1
APPROACH MINIMUMS (RWY 15)	700 – 1 MILE	400 – 1 MILE	250 – ¾ MILE	N/C
APPROACH MINIMUMS (RWY 33)	400 – 1 MILE	N/C	250 – ½ MILE	N/C
VISUAL APPROACH AIDS	REIL (RWY 33), PAPI–2, ROTATING BEACON	N/C	MALSR	N/C
INSTRUMENT APPROACH AIDS (RWY 15) (RWY 33)	VOR, DME, GPS, NDB, GPS	N/C	N/C	N/C
RUNWAY LIGHTING	MIRL	N/C	N/C	N/C
RUNWAY MARKING	NPI	N/C	N/C	N/C
AIRPORT REFERENCE CODE (ARC)	B–II	N/C	N/C	N/C
CRITICAL AIRCRAFT	BEECH KING AIR 200	N/C	N/C	N/C
TYPE INSTRUMENT APPROACH	GPS	N/C	N/C	N/C
OBJECT FREE AREA (OFA) (WIDTH)	500'	800'	N/C	N/C
(OFA) LENGTH BEYOND RUNWAY	300'	600'	N/C	N/C
RUNWAY SAFETY AREA (RSA) (WIDTH)	150'	300'	N/C	N/C
(RSA) LENGTH BEYOND RUNWAY	300'	600'	N/C	N/C
OBSTACLE FREE ZONE (OFZ) (WIDTH)	250'	400'	N/C	N/C
(OFZ) LENGTH BEYOND RUNWAY	200'	N/C	N/C	N/C
FAR PART 77 APPROACH CATEGORY	NPI	N/C	N/C	PI
RUNWAY END COORDINATES (NAD 83)		DISPLACED THRESHOLD		
RUNWAY 15 (LATITUDE)	34°36'26.55"	34°36'23.87"	N/C	N/C
RUNWAY 15 (LONGITUDE)	78°35'02.88"	78°35'00.54"	N/C	N/C
RUNWAY 33 (LATITUDE)	34°35'46.45"	34°35'39.75"	N/C	34°35'35.74"
RUNWAY 33 (LONGITUDE)	78°34'27.87"	78°34'22.03"	N/C	78°34'18.53"
RUNWAY END ELEVATION (MSL) RWY 15	128.2 (SURVEYED)	N/C	N/C	N/C
RUNWAY END ELEVATION (MSL) RWY 33	121.5 (SURVEYED)	117.6	N/C	115.3
DISPLACED THRESHOLD ELEVATION (MSL)	NONE	(RWY 15) 129.3	N/C	N/C
TDZ ELEVATION (MSL)	RWY 15 (132.5) – RWY 33 (131.9)	N/C	N/C	N/C
LINE OF SIGHT VIOLATIONS	N/A	N/C	N/C	N/C

AIRPORT DATA TABLE

DESCRIPTION	EXISTING	ULTIMATE
AIRPORT ELEVATION (MSL)	132.0	N/C
AIRPORT REFERENCE POINT (NAD 83)		
LATITUDE	34°36'06.50" N	34°35'59.80"
LONGITUDE	78°34'45.37" W	78°34'39.53"
MEAN MAXIMUM TEMPERATURE (HOTTEST MONTH)	85° (F)	N/C
AIRPORT TERMINAL AREA NAVAIDS	ROTATING BEACON, NDB, AWOS	N/C
MAGNETIC VARIATION	8°37'	N/C
DATE OF MAGNETIC VARIATION	FEB. 2009	N/C
NPIAS SERVICE LEVEL	GENERAL AVIATION	N/C
STATE SERVICE LEVEL	GENERAL AVIATION (RED GROUP)	N/C
AIRPORT REFERENCE CODE (ARC)	B–II	C–II
DESIGN AIRCRAFT	BEECH KING AIR 200	FOKKER F–28
TAXIWAY LIGHTING	NONE	MITLS
TAXIWAY MARKING	NON–PRECISION	PI
GPS AVAILABILITY AT AIRPORT	RWY 33	RWY 15/RWY 33

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I

STAGE II

STAGE III

CONSTRUCTION NOTICE REQUIREMENT

TO PROTECT OPERATIONAL SAFETY AND FUTURE DEVELOPMENT, ALL PROPOSED CONSTRUCTION ON THE AIRPORT MUST BE COORDINATED BY THE AIRPORT OWNER WITH THE FAA AIRPORTS DISTRICT OFFICE PRIOR TO CONSTRUCTION. FAA'S REVIEW TAKES APPROXIMATELY 60 DAYS.

NOTE:

1: ALL LATITUDE AND LONGITUDE COORDINATES ARE IN NAD '83 FORMAT.

2: ALL ELEVATIONS SHOWN ARE IN REFERENCE TO NAVD 88.

GRAPHIC SCALE

300 0 150 300 600 1200

(IN FEET)
1 inch = 300 ft.

"THE PREPARATION OF THIS DOCUMENT WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AND THE NORTH CAROLINA DIVISION OF AVIATION AS PROVIDED UNDER SECTION 505 OF THE AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982. THE CONTENTS DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA.

ACCEPTANCE OF THIS REPORT BY THE FAA/NCDOA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE UNITED STATES TO PARTICIPATE IN ANY DEVELOPMENT DEPICTED THEREIN NOR DOES IT INDICATE THAT THE PROPOSED DEVELOPMENT IS ENVIRONMENTALLY ACCEPTABLE IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS."

THIS SIGNATURE CERTIFIES SPONSOR'S APPROVAL OF THE INFORMATION CONTAINED IN THIS PLAN.

_______________ DATE:_______

FREDRICK M. TATE, CHAIRMAN – ELIZABETHTOWN AIRPORT ECONOMIC DEVELOPMENT COMMISSION

REV. NO.	DESCRIPTION	DATE

REVISIONS

PROJECT MANAGER JJB	DRAWING SCALE 1"= 400'
DRAWN BY RBT	PROJECT DATE MARCH 2009
APPROVED BY JJB	PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN	

WK DICKSON
community infrastructure consultants

1001 PINNACLE POINT DRIVE
SUITE 110
COLUMBIA, SC 29223
(803) 786–4261

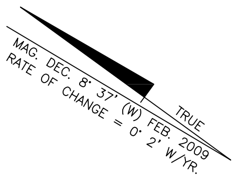
Office Locations:
North Carolina Georgia
South Carolina Kentucky

RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

DRAFT

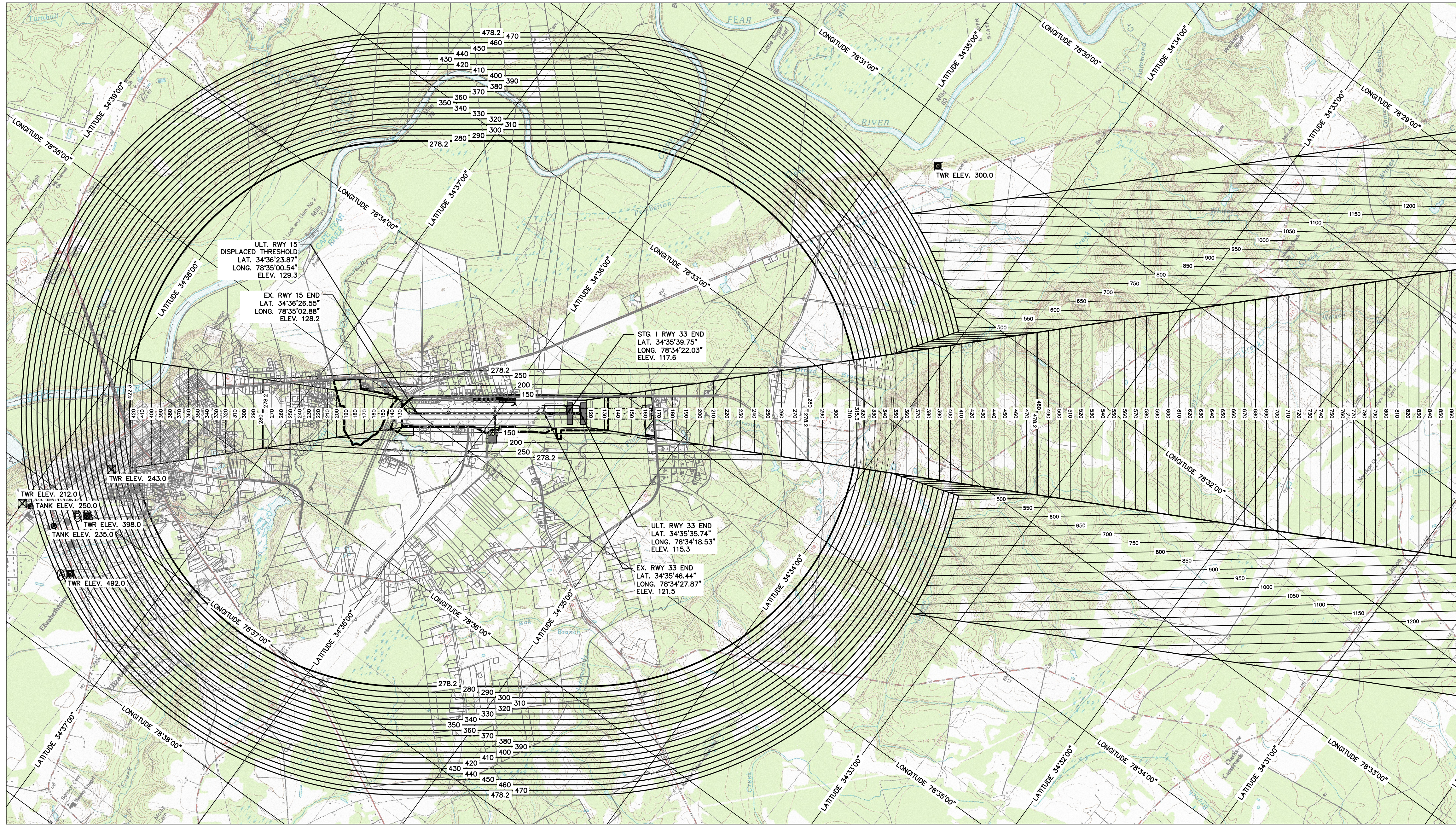
CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

AIRPORT LAYOUT PLAN (ALP)



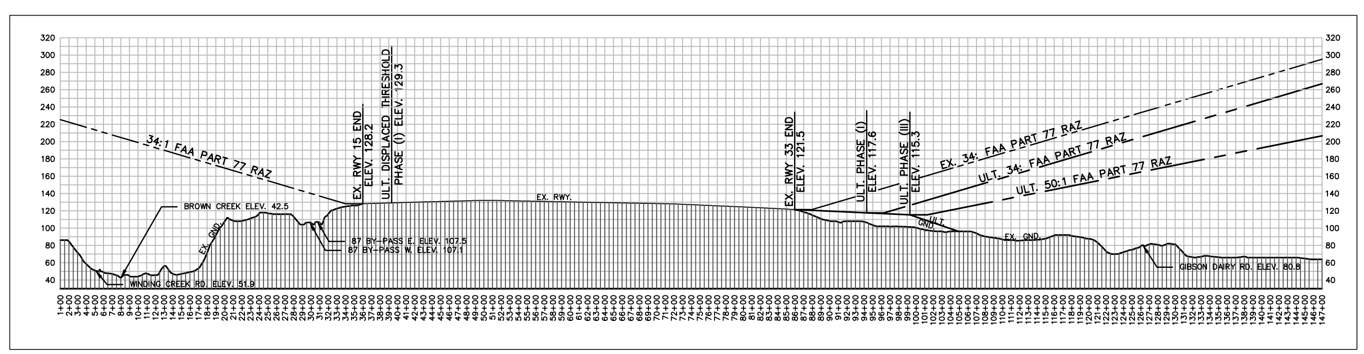
NOTES:

1. ALL TOWER LOCATIONS AND ELEVATIONS ARE APPROXIMATE AND PROVIDED BY THE FAA NATIONAL AERONAUTICAL CHARTING OFFICE. (8/31/04 – 10/25/04)
2. TOWER LOCATIONS ARE BASED ON NAD 83 INFORMATION, AND TOWER ELEVATIONS ARE BASED ON NAVD 88 INFORMATION.
3. FOR CLOSE-IN OBSTRUCTIONS REFER TO "INNER APPROACH & DEPARTURE SURFACE DRAWINGS." ALL OTHER KNOWN OBSTRUCTIONS ARE ILLUSTRATED HERE.
4. USGS 7.5 MINUTE QUAD MAP WAS USED TO PREPARE THIS DRAWING.
5. BLADEN COUNTY CURRENTLY HAS HEIGHT AND HAZARD ZONING IN PLACE.
6. THERE ARE NO KNOWN OBSTRUCTIONS TO THE FAA PART 77 SURFACES OTHER THAN THOSE ILLUSTRATED ON THE "INNER APPROACH & DEPARTURE SURFACE DRAWINGS."



AIRSPACE PLAN VIEW

SCALE: 1" = 2000'



PROFILE

SCALE: 1"= 1000' HORIZ.
1"= 100' VERT.

EXISTING OBSTRUCTIONS

IDENTIFIER NUMBER	LABEL	DESCRIPTION	OBSTRUCTION ELEVATION	APPROACH SLOPE PENETRATION	STROBE INDICATOR
34–0090	A	TOWER	492	35'	R
34–1030	B	TOWER	398	10'	D

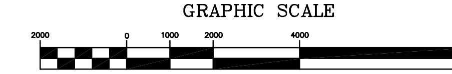
STROBE INDICATOR:

R = RED LIGHT
D = DUAL, RED WITH MEDIUM INTENSITY WHITE STROBE.

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY APPROACH ZONE (RAZ)	
	RUNWAY SAFETY AREA (RSA)	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	ROADS	stage
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	TOWER	N/A
	TANK	N/A

GRAPHIC SCALE



(IN FEET)
1 inch = 2000ft.

REV. NO.	DESCRIPTION	DATE
	REVISIONS	

PROJECT MANAGER	DRAWING SCALE
JJB	1"= 2000'
DRAWN BY	PROJECT DATE
RBT	MARCH 2009
APPROVED BY	PROJECT NUMBER
JJB	80527.00.CA
FILE NAME	
80527 MASTER PLAN	

WK DICKSON
community infrastructure consultants

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COLUMBIA, SC 29223
(803) 786-4261

Office Locations:
North Carolina
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Georgia
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RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

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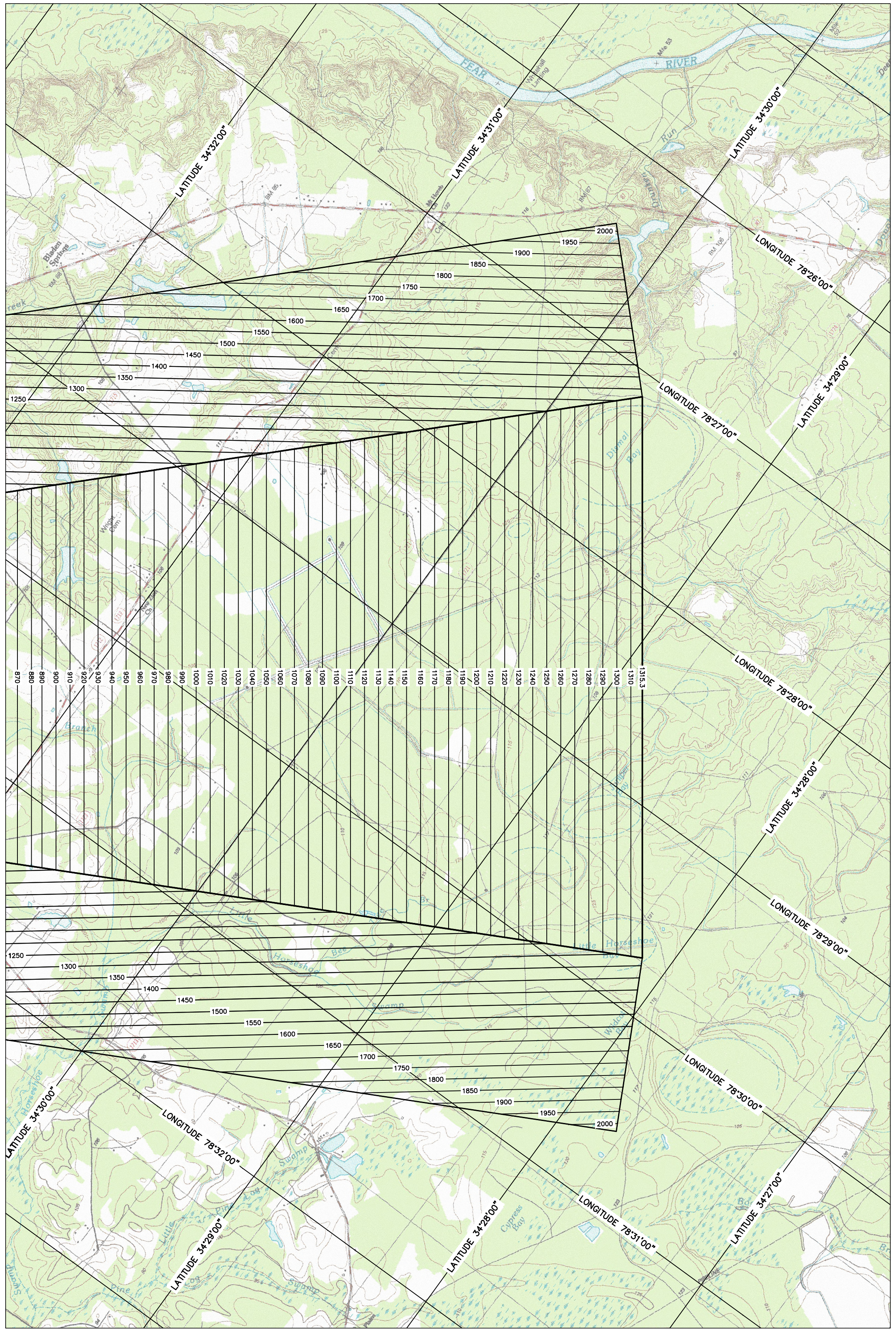
ELIZABETHTOWN, NORTH CAROLINA

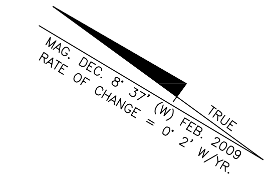
AIRSPACE PLAN (1)



AIRSPACE

PLAN VIEW

SCALE: 1" = 2000'



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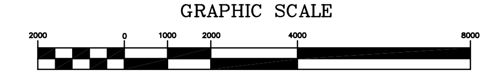
6. THERE ARE NO KNOWN OBSTRUCTIONS TO THE FAA PART 77 SURFACES OTHER THAN THOSE ILLUSTRATED ON THE "INNER APPROACH & DEPARTURE SURFACE DRAWINGS."

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY APPROACH ZONE (RAZ)	
	RUNWAY SAFETY AREA (RSA)	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	ROADS	stage
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	TOWER	N/A
	TANK	N/A

GRAPHIC SCALE



(IN FEET)
1 inch = 2000ft.

REV. NO.	DESCRIPTION	DATE

REVISIONS

PROJECT MANAGER JJB	DRAWING SCALE 1"= 2000'
DRAWN BY RBT	PROJECT DATE MARCH 2009
APPROVED BY JJB	PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN	

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CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

AIRSPACE PLAN (2)

ULTIMATE OBSTRUCTION TABLE (34:1 FAA PART 77 RAZ)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 34:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
6	449.5	183.2	46.6'	TREE	REMOVAL (STG. I)
7	465.7	175.9	38.8'	TREE	REMOVAL (STG. I)
8	479.5	187.3	49.8'	TREE	REMOVAL (STG. I)
9	531.9	190.7	51.6'	TREE	REMOVAL (STG. I)
10	622.3	169.2	27.5'	TREE	REMOVAL (STG. I)
11	657.1	166.4	23.7'	TREE	REMOVAL (STG. I)
12	698.6	170.6	26.6'	TREE	REMOVAL (STG. I)
13	734.0	166.1	21.1'	TREE	REMOVAL (STG. I)
14	738.6	163.3	18.2'	TREE	REMOVAL (STG. I)
15	1260.9	189.6	29.1'	TREE	REMOVAL (STG. I)
16	1379.7	168.5	4.5'	TREE	REMOVAL (STG. I)
17	1955.0	182.7	1.8'	TREE	REMOVAL (STG. I)

ULTIMATE OBSTRUCTION TABLE (20:1 TERPS SURFACE)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 20:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	514.1	171.2	26.2'	TREE	REMOVAL (STG. I)
2	560.7	170.3	23.0'	TREE	REMOVAL (STG. I)
3	601.9	169.4	20.0'	TREE	REMOVAL (STG. I)
4	657.7	172.0	19.8'	TREE	REMOVAL (STG. I)
5	711.5	160.8	5.9'	TREE	REMOVAL (STG. I)

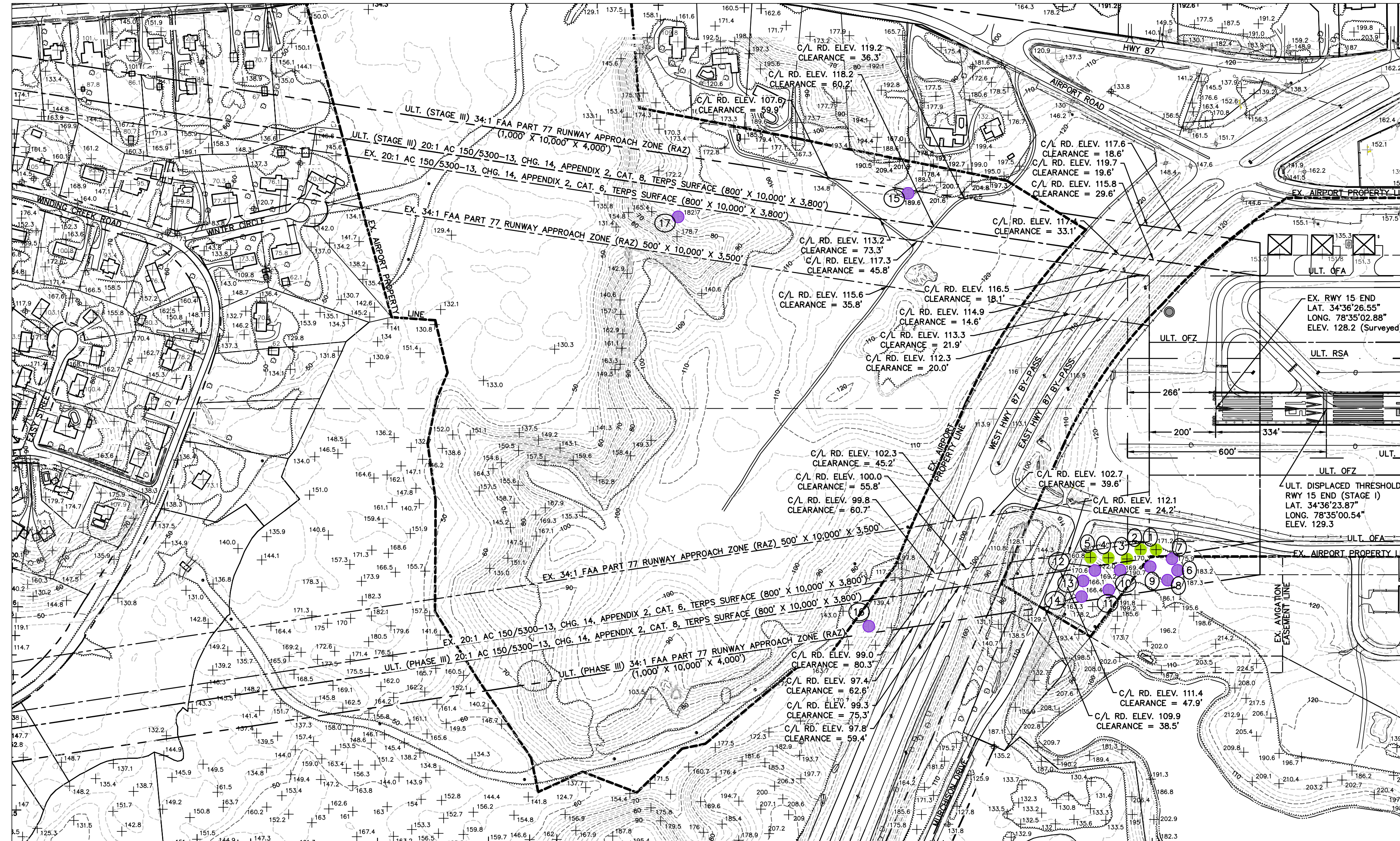
MAG. DEC. 8° 37' (W) FEB. 2009
RATE OF CHANGE = 0° 2' W/YR.
TRUE

OBSTRUCTION LEGEND

TREE OBSTRUCTION ULTIMATE 20:1 TERPS SURFACE
TREE OBSTRUCTION ULTIMATE 34:1 FAA PAR 77 SURFACE

RUNWAY 15 PLAN

SCALE: 1" = 200'



LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I	STAGE II	STAGE III

NOTE:

1: INFORMATION USED TO DETERMINE OBSTRUCTIONS WAS FLOWN ON JUNE OF 2009 BY THE SANBORN MAP COMPANY, INC.

2: NORTHING/EASTING COORDINATES ARE NAD 83.

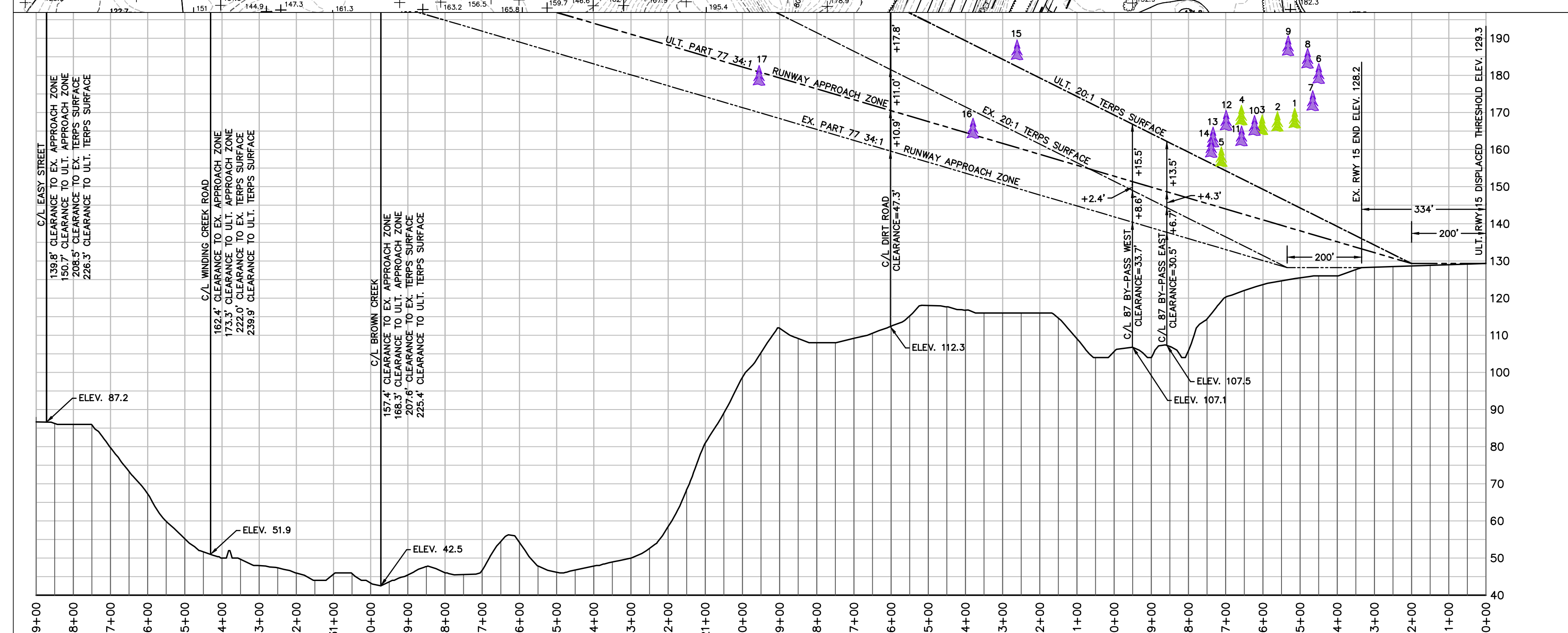
3: ELEVATIONS ARE NAVD 88.

4: THERE ARE NO KNOWN OBSTRUCTIONS TO THE EXISTING FAA PART 77 34:1 RUNWAY APPROACH ZONE.

5: THERE ARE NO KNOWN OBSTRUCTIONS TO THE EXISTING AC 150/5300-13, CHG. 14, APPENDIX 2, CAT. 6, TERPS SURFACE.

PROFILE

SCALE: 1"= 200' HORIZ.
1"= 20' VERT.



GRAPHIC SCALE

(IN FEET)
1 inch = 200 ft.

REV. NO.	DESCRIPTION	DATE
	REVISIONS	

PROJECT MANAGER JJB	DRAWING SCALE 1"= 200'
DRAWN BY RBT	PROJECT DATE MARCH 2009
APPROVED BY JJB	PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN	

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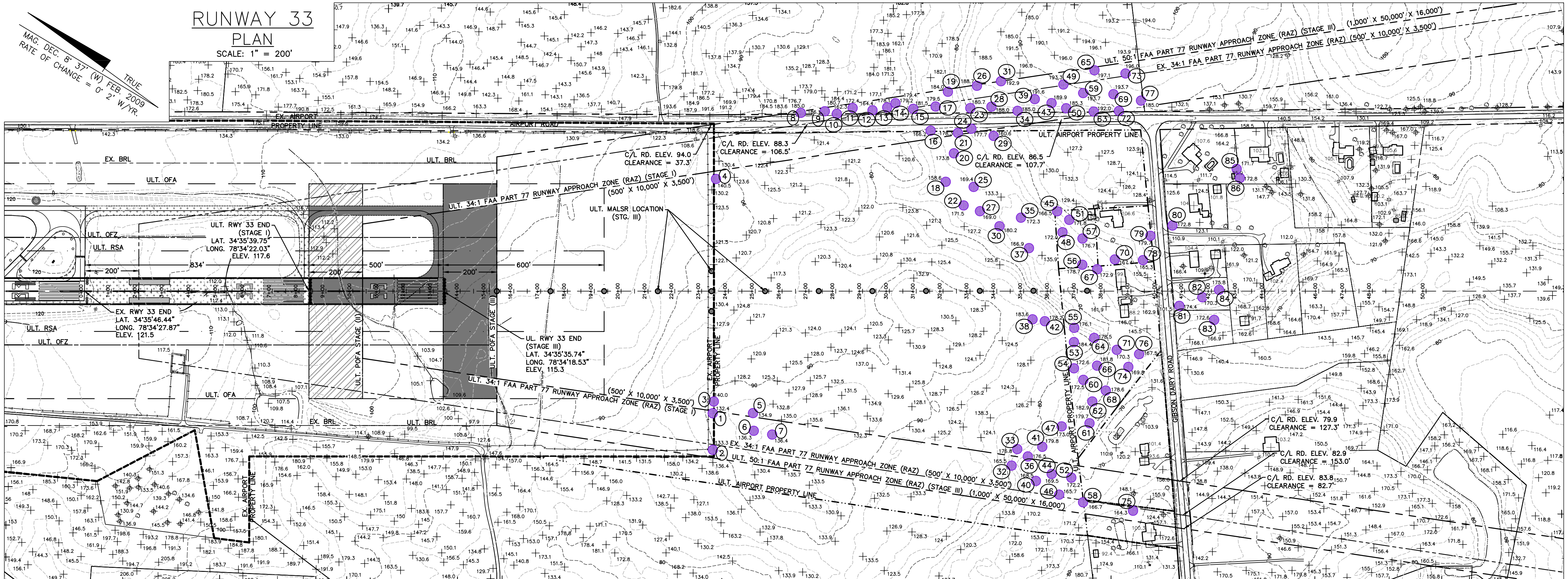
ELIZABETHTOWN, NORTH CAROLINA

INNER APPROACH SURFACES
RUNWAY 15

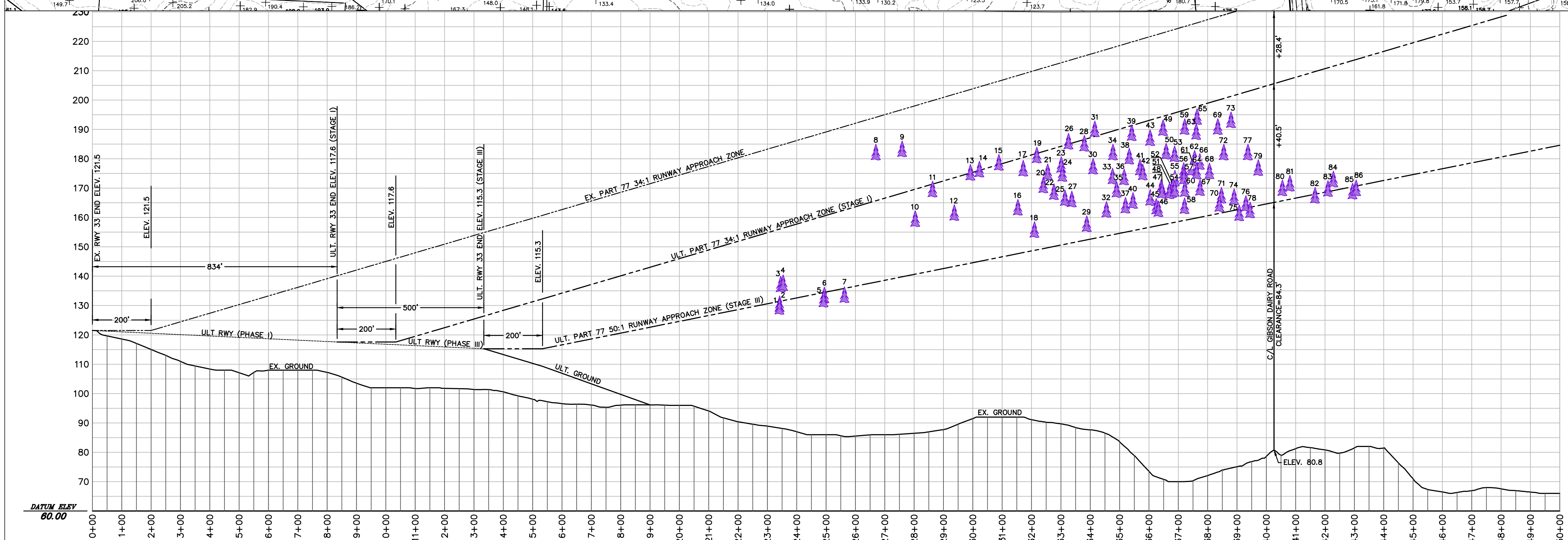
RUNWAY 33 PLAN

SCALE: 1" = 200'



PROFILE

SCALE: 1"= 200' HORIZ.
1"= 20' VERT.



GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

OBSTRUCTION LEGEND
TREE OBSTRUCTION ULTIMATE (PHASE III) 50:1 FAA PAR 77 APPROACH

ULTIMATE STAGE (III) OBSTRUCTION TABLE (50:1 FAA PART 77 RAZ)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 34:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	2341.2	132.4	1.0'	TREE	REMOVAL (STG. III)
2	2341.7	133.3	1.8'	TREE	REMOVAL (STG. III)
3	2345.4	140.0	8.5'	TREE	REMOVAL (STG. III)
4	2353.6	140.5	8.8'	TREE	REMOVAL (STG. III)
5	2391.4	134.9	0.5'	TREE	REMOVAL (STG. III)
6	2494.2	136.3	1.8'	TREE	REMOVAL (STG. III)
7	2562.7	136.4	0.5'	TREE	REMOVAL (STG. III)
8	2669.6	185.0	47.0'	TREE	REMOVAL (STG. III)
9	2759.2	186.1	46.3'	TREE	REMOVAL (STG. III)
10	2804.0	162.3	21.6'	TREE	REMOVAL (STG. III)
11	2862.8	172.4	30.5'	TREE	REMOVAL (STG. III)
12	2937.0	164.4	21.0'	TREE	REMOVAL (STG. III)
13	2991.8	178.1	33.6'	TREE	REMOVAL (STG. III)
14	3022.5	179.2	34.1'	TREE	REMOVAL (STG. III)
15	3088.8	181.5	35.1'	TREE	REMOVAL (STG. III)
16	3153.6	166.2	18.5'	TREE	REMOVAL (STG. III)
17	3171.9	179.5	31.4'	TREE	REMOVAL (STG. III)
18	3210.1	158.6	9.8'	TREE	REMOVAL (STG. III)
19	3218.0	184.0	35.0'	TREE	REMOVAL (STG. III)
20	3240.3	173.8	24.4'	TREE	REMOVAL (STG. III)
21	3255.2	178.3	28.6'	TREE	REMOVAL (STG. III)
22	3276.5	171.5	21.4'	TREE	REMOVAL (STG. III)
23	3301.3	180.7	30.1'	TREE	REMOVAL (STG. III)
24	3305.3	177.7	27.0'	TREE	REMOVAL (STG. III)
25	3314.0	169.4	18.5'	TREE	REMOVAL (STG. III)
26	3326.0	188.7	37.6'	TREE	REMOVAL (STG. III)
27	3337.3	169.0	17.6'	TREE	REMOVAL (STG. III)
28	3380.0	188.0	35.8'	TREE	REMOVAL (STG. III)
29	3388.2	160.6	8.2'	TREE	REMOVAL (STG. III)
30	3409.9	180.2	27.4'	TREE	REMOVAL (STG. III)
31	3415.7	192.9	40.0'	TREE	REMOVAL (STG. III)
32	3455.3	165.5	11.8'	TREE	REMOVAL (STG. III)
33	3476.2	176.8	22.7'	TREE	REMOVAL (STG. III)
34	3477.5	185.0	30.8'	TREE	REMOVAL (STG. III)
35	3490.0	172.3	17.9'	TREE	REMOVAL (STG. III)
36	3515.7	176.5	21.6'	TREE	REMOVAL (STG. III)
37	3520.2	166.9	11.9'	TREE	REMOVAL (STG. III)
38	3533.2	183.6	28.3'	TREE	REMOVAL (STG. III)
39	3541.6	191.6	36.1'	TREE	REMOVAL (STG. III)
40	3545.8	168.5	13.0'	TREE	REMOVAL (STG. III)
41	3569.5	179.8	23.8'	TREE	REMOVAL (STG. III)
42	3579.2	178.2	22.0'	TREE	REMOVAL (STG. III)
43	3604.3	189.9	33.2'	TREE	REMOVAL (STG. III)
44	3604.6	169.5	12.8'	TREE	REMOVAL (STG. III)
45	3625.0	166.5	9.4'	TREE	REMOVAL (STG. III)
46	3632.5	165.7	8.4'	TREE	REMOVAL (STG. III)
47	3641.8	173.0	15.5'	TREE	REMOVAL (STG. III)
48	3644.8	172.0	14.5'	TREE	REMOVAL (STG. III)
49	3648.3	193.3	35.7'	TREE	REMOVAL (STG. III)
50	3658.7	185.3	27.5'	TREE	REMOVAL (STG. III)
51	3670.1	171.8	13.8'	TREE	REMOVAL (STG. III)
52	3677.7	172.2	14.0'	TREE	REMOVAL (STG. III)
53	3687.5	184.4	26.0'	TREE	REMOVAL (STG. III)
54	3687.8	172.6	14.2'	TREE	REMOVAL (STG. III)
55	3688.5	176.1	17.7'	TREE	REMOVAL (STG. III)
56	3718.7	178.7	19.7'	TREE	REMOVAL (STG. III)
57	3719.4	176.7	17.7'	TREE	REMOVAL (STG. III)
58	3721.5	166.7	7.6'	TREE	REMOVAL (STG. III)
59	3722.1	193.7	34.6'	TREE	REMOVAL (STG. III)
60	3722.5	172.5	13.4'	TREE	REMOVAL (STG. III)
61	3745.7	179.7	20.2'	TREE	REMOVAL (STG. III)
62	3755.9	182.9	23.2'	TREE	REMOVAL (STG. III)
63	3761.2	192.0	32.2'	TREE	REMOVAL (STG. III)
64	3762.8	178.5	18.6'	TREE	REMOVAL (STG. III)
65	3764.2	197.1	37.2'	TREE	REMOVAL (STG. III)
66	3773.5	181.8	21.7'	TREE	REMOVAL (STG. III)
67	3774.2	172.9	12.8'	TREE	REMOVAL (STG. III)
68	3806.3	178.6	17.9'	TREE	REMOVAL (STG. III)
69	3834.8	193.7	32.4'	TREE	REMOVAL (STG. III)
70	3840.2	167.4	6.0'	TREE	REMOVAL (STG. III)
71	3847.1	170.3	8.7'	TREE	REMOVAL (STG. III)
72	3855.1	185.0	23.3'	TREE	REMOVAL (STG. III)
73	3879.8	196.0	33.8'	TREE	REMOVAL (STG. III)
74	3890.3	169.8	7.4'	TREE	REMOVAL (STG. III)
75	3907.8	164.3	1.5'	TREE	REMOVAL (STG. III)
76	3930.5	167.5	4.3'	TREE	REMOVAL (STG. III)
77	3937.5	185.0	21.6'	TREE	REMOVAL (STG. III)
78	3944.8	165.3	1.8'	TREE	REMOVAL (STG. III)
79	3972.7	179.7	15.6'	TREE	REMOVAL (STG. III)
80	4054.8	172.8	7.1'	TREE	REMOVAL (STG. III)
81	4080.4	174.4	8.2'	TREE	REMOVAL (STG. III)
82	4166.1	170.3	2.4'	TREE	REMOVAL (STG. III)
83	4210.2	172.6	3.8'	TREE	REMOVAL (STG. III)
84	4228.6	175.8	6.6'	TREE	REMOVAL (STG. III)
85	4294.0	171.7	1.2'	TREE	REMOVAL (STG. III)
86	4306.1	172.8	2.1'	TREE	REMOVAL (STG. III)

NOTE:

1: INFORMATION USED TO DETERMINE OBSTRUCTIONS WAS FLOWN ON JUNE OF 2009 BY THE SANBORN MAP COMPANY, INC.

2: NORTHING/EASTING COORDINATES ARE NAD 83.

3: ELEVATIONS ARE NAVD 88.

4: THERE ARE NO KNOWN OBSTRUCTIONS TO THE EXISTING FAA PART 77 34:1 RUNWAY APPROACH ZONE.

5: THERE ARE NO KNOWN OBSTRUCTIONS TO THE ULTIMATE (STAGE I) FAA PART 77 34:1 RUNWAY APPROACH ZONE.

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I	STAGE II	STAGE III

REV. NO.	DESCRIPTION	DATE
	REVISIONS	

PROJECT MANAGER JJB	DRAWING SCALE 1"= 200'
DRAWN BY RBT	PROJECT DATE MARCH 2009
APPROVED BY JJB	PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN	

WK DICKSON
community infrastructure consultants

1001 PINNACLE POINT DRIVE
SUITE 110
COLUMBIA, SC 29223
(803) 786-4261

Office Locations:
North Carolina Georgia
South Carolina Kentucky

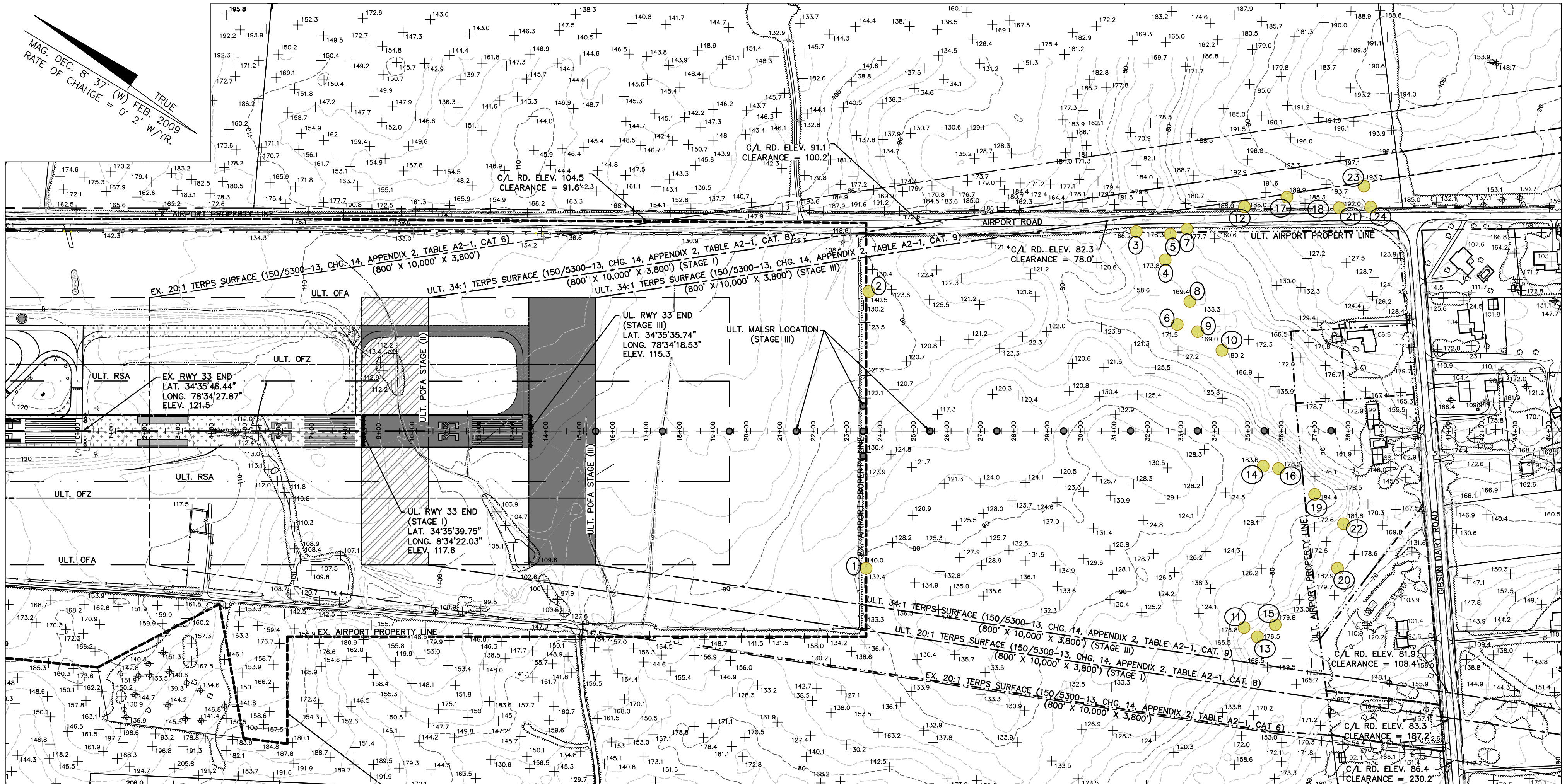
RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

DRAFT

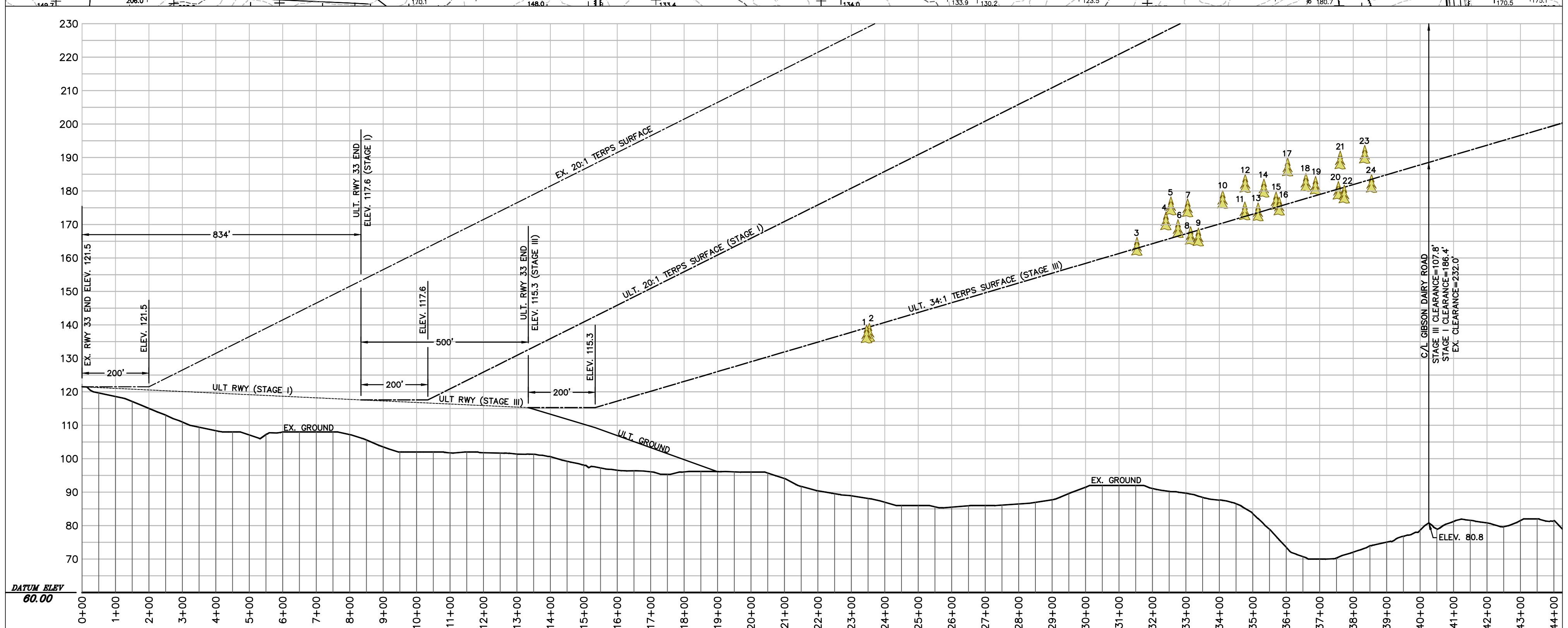
CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

INNER APPROACH SURFACES
RUNWAY 33 (I)

6 / 12



RUNWAY 33
PLAN
SCALE: 1" = 200'



PROFILE
SCALE: 1"= 200' HORIZ.
1"= 20' VERT.

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I | STAGE II | STAGE III

NOTE:

1: INFORMATION USED TO DETERMINE OBSTRUCTIONS WAS FLOWN ON JUNE OF 2009 BY THE SANBORN MAP COMPANY, INC.

2: NORTHING/EASTING COORDINATES ARE NAD 83.

3: ELEVATIONS ARE NAVD 88.

4: THERE ARE NO KNOWN OBSTRUCTIONS TO THE EXISTING AC 150/5300-13, CHG. 14, APPENDIX 2, TABLE A2-1, CAT. 6, TERPS SURFACE.

5: THERE ARE NO KNOWN OBSTRUCTIONS TO THE ULTIMATE (STAGE I) AC 150/5300-13, CHG. 14, APPENDIX 2, TABLE A2-1, CAT. 8, TERPS SURFACE.

ULTIMATE STAGE (III) OBSTRUCTION TABLE (34:1 TERPS SURFACE)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 34:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	2345.4	140.0	0.8'	TREE	REMOVAL (STG. III)
2	2353.6	140.5	1.1'	TREE	REMOVAL (STG. III)
3	3153.6	166.2	3.3'	TREE	REMOVAL (STG. III)
4	3240.2	173.8	8.3'	TREE	REMOVAL (STG. III)
5	3255.2	178.3	12.4'	TREE	REMOVAL (STG. III)
6	3276.5	171.5	5.0'	TREE	REMOVAL (STG. III)
7	3305.3	177.7	10.3'	TREE	REMOVAL (STG. III)
8	3314.0	169.4	1.8'	TREE	REMOVAL (STG. III)
9	3337.3	169.0	0.7'	TREE	REMOVAL (STG. III)
10	3409.9	180.2	9.7'	TREE	REMOVAL (STG. III)
11	3476.2	176.8	4.4'	TREE	REMOVAL (STG. III)
12	3477.4	185.0	12.6'	TREE	REMOVAL (STG. III)
13	3515.7	176.5	2.9'	TREE	REMOVAL (STG. III)
14	3533.2	183.6	9.5'	TREE	REMOVAL (STG. III)
15	3569.5	179.8	4.7'	TREE	REMOVAL (STG. III)
16	3579.2	178.2	2.8'	TREE	REMOVAL (STG. III)
17	3604.3	189.9	13.7'	TREE	REMOVAL (STG. III)
18	3658.7	185.3	7.5'	TREE	REMOVAL (STG. III)
19	3687.5	184.4	5.8'	TREE	REMOVAL (STG. III)
20	3755.9	182.9	2.3'	TREE	REMOVAL (STG. III)
21	3761.2	192.0	11.2'	TREE	REMOVAL (STG. III)
22	3773.5	181.8	0.7'	TREE	REMOVAL (STG. III)
23	3834.8	193.7	10.8'	TREE	REMOVAL (STG. III)
24	3855.1	185.0	1.5'	TREE	REMOVAL (STG. III)

OBSTRUCTION LEGEND

TREE OBSTRUCTION ULTIMATE (STAGE III) 34:1 TERPS SURFACE

GRAPHIC SCALE
200 0 100 200 400 800
(IN FEET)
1 inch = 200 ft.

REV. NO.	DESCRIPTION	DATE
	REVISIONS	

PROJECT MANAGER JJB | DRAWING SCALE 1"= 200'
DRAWN BY RBT | PROJECT DATE MARCH 2009
APPROVED BY JJB | PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN

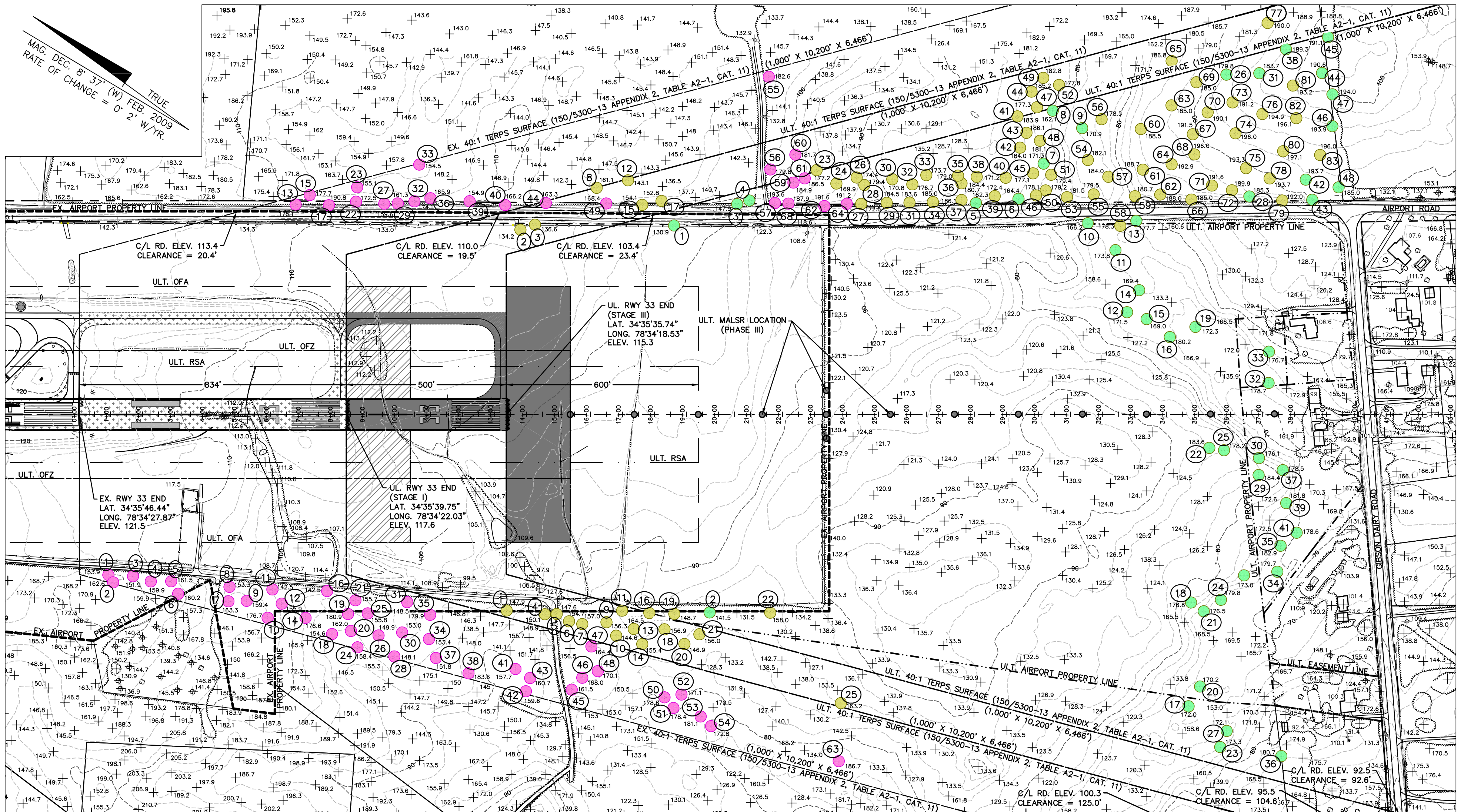
WK DICKSON
community infrastructure consultants
1001 PINNACLE POINT DRIVE
SUITE 110
COLUMBIA, SC 29223
(803) 786-4261
Office Locations:
North Carolina | Georgia
South Carolina | Kentucky

RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

DRAFT

CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

INNER APPROACH SURFACES
RUNWAY 33 (II)



RUNWAY 15 PLAN

SCALE: 1" = 200'

NOTE:

1: INFORMATION USED TO DETERMINE OBSTRUCTIONS WAS FLOWN ON JUNE OF 2009 BY THE SANBORN MAP COMPANY, INC.

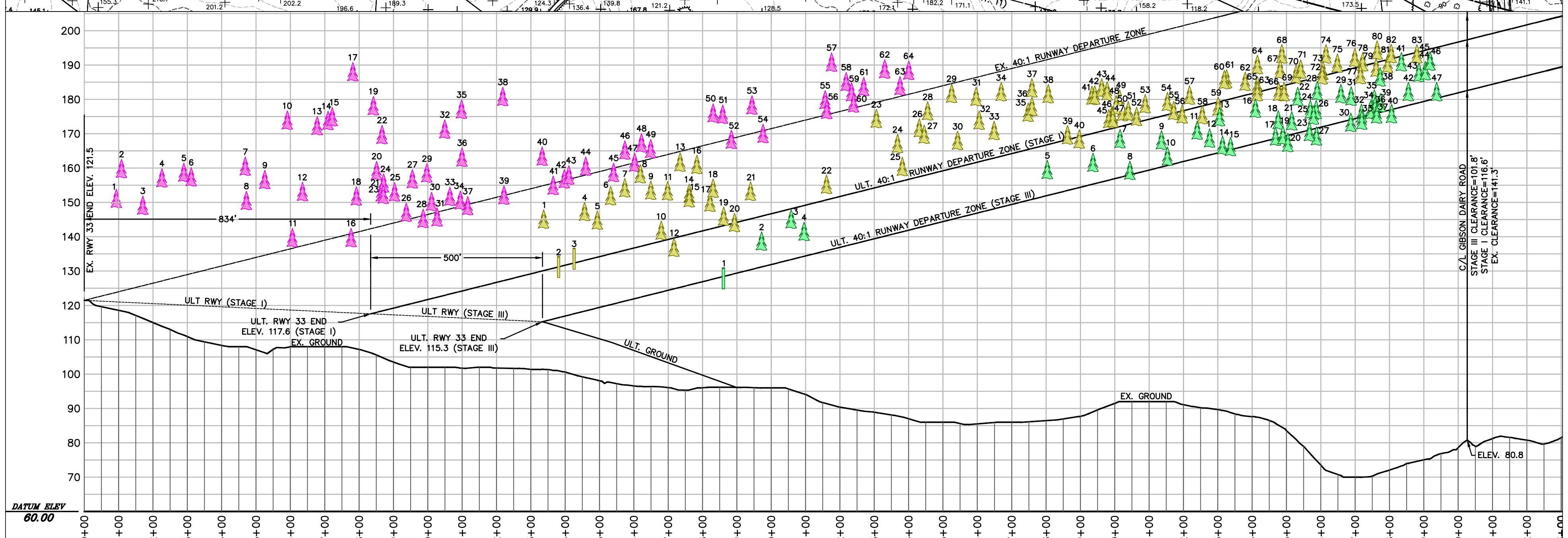
2: NORTHING/EASTING COORDINATES ARE NAD 83.

3: ELEVATIONS ARE NAVD 88.

STAGE I

STAGE II

STAGE III



PROFILE

SCALE: 1" = 200' HORIZ.
1" = 20' VERT.

OBSTUCTION LEGEND

TREE OBSTRUCTION EX. 40:1 RUNWAY 15 DEPARTURE	
TREE OBSTRUCTION ULT. 40:1 RUNWAY 15 DEPARTURE STAGE I	
UTILITY POLE OBSTRUCTION ULT. 40:1 RUNWAY 15 DEPARTURE STAGE I	
TREE OBSTRUCTION ULT. 40:1 RUNWAY 15 DEPARTURE STAGE III	

OBSTRUCTION TABLE FOR RUNWAY 15 (EX. 40:1 TERPS DEPARTURE SURFACE)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 40:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	93.5	153.9	30.1'	TREE	REMOVAL (STG. I)
2	108.5	162.6	38.4'	TREE	REMOVAL (STG. I)
3	170.6	151.9	26.1'	TREE	REMOVAL (STG. I)
4	226.3	159.9	32.7'	TREE	REMOVAL (STG. I)
5	290.0	161.5	32.8'	TREE	REMOVAL (STG. I)
6	311.6	160.2	30.9'	TREE	REMOVAL (STG. I)
7	468.9	163.3	30.1'	TREE	REMOVAL (STG. I)
8	472.1	153.3	20.0'	TREE	REMOVAL (STG. I)
9	525.7	159.4	24.8'	TREE	REMOVAL (STG. I)
10	591.4	176.7	40.4'	TREE	REMOVAL (STG. I)
11	606.1	142.5	5.8'	TREE	REMOVAL (STG. I)
12	635.6	155.9	18.5'	TREE	REMOVAL (STG. I)
13	678.2	175.1	36.6'	TREE	REMOVAL (STG. I)
14	709.9	176.6	37.4'	TREE	REMOVAL (STG. I)
15	722.1	177.7	38.1'	TREE	REMOVAL (STG. I)
16	777.1	142.5	1.6'	TREE	REMOVAL (STG. I)
17	782.2	190.8	49.7'	TREE	REMOVAL (STG. I)
18	792.4	154.6	13.3'	TREE	REMOVAL (STG. I)
19	842.0	180.9	38.4'	TREE	REMOVAL (STG. I)
20	851.2	162.0	19.2'	TREE	REMOVAL (STG. I)
21	865.2	155.7	12.6'	TREE	REMOVAL (STG. I)
22	867.0	172.5	29.3'	TREE	REMOVAL (STG. I)
23	870.8	155.1	11.8'	TREE	REMOVAL (STG. I)
24	871.6	158.4	15.1'	TREE	REMOVAL (STG. I)
25	903.6	155.8	11.7'	TREE	REMOVAL (STG. I)
26	937.6	149.9	5.0'	TREE	REMOVAL (STG. I)
27	955.4	159.6	14.2'	TREE	REMOVAL (STG. I)
28	986.9	148.1	1.9'	TREE	REMOVAL (STG. I)
29	997.5	161.3	14.9'	TREE	REMOVAL (STG. I)
30	1011.3	153.0	6.2'	TREE	REMOVAL (STG. I)
31	1027.3	148.5	1.3'	TREE	REMOVAL (STG. I)
32	1049.7	174.1	26.4'	TREE	REMOVAL (STG. I)
33	1064.5	154.5	6.4'	TREE	REMOVAL (STG. I)
34	1094.9	153.4	4.5'	TREE	REMOVAL (STG. I)
35	1098.5	179.9	30.9'	TREE	REMOVAL (STG. I)
36	1099.9	165.9	16.9'	TREE	REMOVAL (STG. I)
37	1116.6	151.8	2.4'	TREE	REMOVAL (STG. I)
38	1218.6	183.6	31.6'	TREE	REMOVAL (STG. I)
39	1222.1	154.9	2.8'	TREE	REMOVAL (STG. I)
40	1333.2	166.2	11.4'	TREE	REMOVAL (STG. I)
41	1365.3	157.7	2.1'	TREE	REMOVAL (STG. I)
42	1397.7	159.6	3.2'	TREE	REMOVAL (STG. I)
43	1410.9	160.7	3.9'	TREE	REMOVAL (STG. I)
44	1460.1	163.3	5.3'	TREE	REMOVAL (STG. I)
45	1541.1	161.5	1.5'	TREE	REMOVAL (STG. I)
46	1574.1	168.0	7.1'	TREE	REMOVAL (STG. I)
47	1602.5	164.4	2.8'	TREE	REMOVAL (STG. I)
48	1622.4	170.1	8.0'	TREE	REMOVAL (STG. I)
49	1649.2	168.4	5.7'	TREE	REMOVAL (STG. I)
50	1831.0	178.8	11.5'	TREE	REMOVAL (STG. I)
51	1858.9	178.4	10.4'	TREE	REMOVAL (STG. I)
52	1884.1	171.1	2.5'	TREE	REMOVAL (STG. I)
53	1944.1	181.1	11.0'	TREE	REMOVAL (STG. I)
54	1976.4	172.8	1.9'	TREE	REMOVAL (STG. I)
55	2157.1	182.6	7.2'	TREE	REMOVAL (STG. I)
56	2161.8	179.8	4.3'	TREE	REMOVAL (STG. I)
57	2176.0	193.6	17.7'	TREE	REMOVAL (STG. I)
58	2218.4	187.9	10.9'	TREE	REMOVAL (STG. I)
59	2234.0	184.9	7.6'	TREE	REMOVAL (STG. I)
60	2240.1	181.7	4.2'	TREE	REMOVAL (STG. I)
61	2269.3	186.5	8.3'	TREE	REMOVAL (STG. I)
62	2330.7	191.6	11.8'	TREE	REMOVAL (STG. I)
63	2375.2	186.7	5.8'	TREE	REMOVAL (STG. I)
64	2400.5	191.2	9.7'	TREE	REMOVAL (STG. I)

OBSTRUCTION TABLE FOR RUNWAY 15 (ULT. 40:1 TERPS DEPARTURE SURFACE) STAGE I

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 40:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	1337.6	147.9	17.7'	TREE	REMOVAL (STG. I)
2	1381.0	134.2	2.9'	UP	RELOCATE (STG. I)
3	1426.2	136.6	4.2'	UP	RELOCATE (STG. I)
4	1456.9	150.1	16.9'	TREE	REMOVAL (STG. I)
5	1493.9	147.6	13.5'	TREE	REMOVAL (STG. I)
6	1532.7	154.7	19.6'	TREE	REMOVAL (STG. I)
7	1573.9	157.0	20.9'	TREE	REMOVAL (STG. I)
8	1619.1	161.1	23.9'	TREE	REMOVAL (STG. I)
9	1649.6	156.3	18.3'	TREE	REMOVAL (STG. I)
10	1680.0	144..6	5.8'	TREE	REMOVAL (STG. I)
11	1698.5	156.1	16.9'	TREE	REMOVAL (STG. I)
12	1717.1	143.1	3.4'	TREE	REMOVAL (STG. I)
13	1734.8	164.5	24.4'	TREE	REMOVAL (STG. I)
14	1761.4	155.4	14.6'	TREE	REMOVAL (STG. I)
15	1761.5	154.1	13.3'	TREE	REMOVAL (STG. I)
16	1783.6	163.8	22.5'	TREE	REMOVAL (STG. I)
17	1821.9	152.8	10.5'	TREE	REMOVAL (STG. I)
18	1830.9	156.9	14.4'	TREE	REMOVAL (STG. I)
19	1861.7	148.7	5.4'	TREE	REMOVAL (STG. I)
20	1893.2	146.9	2.8'	TREE	REMOVAL (STG. I)
21	1939.9	156.0	10.8'	TREE	REMOVAL (STG. I)
22	2161.2	158.0	7.2'	TREE	REMOVAL (STG. I)
23	2306.2	177.2	22.8'	TREE	REMOVAL (STG. I)
24	2367.9	169.9	14.0'	TREE	REMOVAL (STG. I)
25	2381.9	163.2	6.9'	TREE	REMOVAL (STG. I)
26	2431.2	174.4	16.9'	TREE	REMOVAL (STG. I)
27	2445.4	172.6	14.7'	TREE	REMOVAL (STG. I)
28	2455.5	179.4	21.3'	TREE	REMOVAL (STG. I)
29	2525.4	184.5	24.6'	TREE	REMOVAL (STG. I)
30	2542.8	170.8	10.5'	TREE	REMOVAL (STG. I)
31	2596.6	183.6	21.9'	TREE	REMOVAL (STG. I)
32	2605.5	176.7	14.8'	TREE	REMOVAL (STG. I)
33	2649.2	173.7	10.7'	TREE	REMOVAL (STG. I)
34	2669.6	185.0	21.5'	TREE	REMOVAL (STG. I)
35	2748.2	179.0	13.5'	TREE	REMOVAL (STG. I)
36	2759.1	180.7	15.0'	TREE	REMOVAL (STG. I)
37	2759.2	186.1	20.4'	TREE	REMOVAL (STG. I)
38	2806.6	184.4	17.5'	TREE	REMOVAL (STG. I)
39	2862.8	172.4	4.1'	TREE	REMOVAL (STG. I)
40	2897.0	171.2	2.0'	TREE	REMOVAL (STG. I)
41	2933.9	183.9	13.8'	TREE	REMOVAL (STG. I)
42	2942.1	184.0	13.7'	TREE	REMOVAL (STG. I)
43	2962.1	186.1	15.3'	TREE	REMOVAL (STG. I)
44	2978.0	185.2	14.0'	TREE	REMOVAL (STG. I)
45	2982.9	177.1	5.8'	TREE	REMOVAL (STG. I)
46	2991.8	178.1	6.6'	TREE	REMOVAL (STG. I)
47	2994.8	177.3	5.7'	TREE	REMOVAL (STG. I)
48	3004.4	181.1	9.2'	TREE	REMOVAL (STG. I)
49	3014.6	182.8	10.7'	TREE	REMOVAL (STG. I)
50	3022.5	179.2	6.9'	TREE	REMOVAL (STG. I)
51	3039.5	179.4	6.7'	TREE	REMOVAL (STG. I)
52	3063.8	177.8	4.5'	TREE	REMOVAL (STG. I)
53	3088.8	181.5	7.5'	TREE	REMOVAL (STG. I)
54	3153.7	182.1	6.5'	TREE	REMOVAL (STG. I)
55	3171.9	179.5	3.5'	TREE	REMOVAL (STG. I)
56	3196.7	178.5	1.8'	TREE	REMOVAL (STG. I)
57	3218.0	184.0	6.8'	TREE	REMOVAL (STG. I)
58	3255.2	178.3	0.2'	TREE	REMOVAL (STG. I)
59	3301.3	180.7	1.4'	TREE	REMOVAL (STG. I)
60	3319.2	188.5	8.8'	TREE	REMOVAL (STG. I)
61	3326.0	188.7	8.8'	TREE	REMOVAL (STG. I)
62	3380.0	188.0	6.8'	TREE	REMOVAL (STG. I)
63	3415.4	185.0	2.9'	TREE	REMOVAL (STG. I)
64	3415.6	192.9	10.8'	TREE	REMOVAL (STG. I)
65	3415.7	186.8	4.7'	TREE	REMOVAL (STG. I)
66	3477.4	185.0	1.3'	TREE	REMOVAL (STG. I)
67	3481.8	191.5	7.7'	TREE	REMOVAL (STG. I)
68	3486.9	196.0	12.1'	TREE	REMOVAL (STG. I)
69	3493.2	185.0	0.9'	TREE	REMOVAL (STG. I)
70	3528.4	190.1	5.1'	TREE	REMOVAL (STG. I)
71	3541.6	191.6	6.3'	TREE	REMOVAL (STG. I)
72	3604.3	189.9	3.0'	TREE	REMOVAL (STG. I)
73	3606.1	191.2	4.3'	TREE	REMOVAL (STG. I)
74	3615.2	196.0	8.9'	TREE	REMOVAL (STG. I)
75	3648.3	193.3	5.3'	TREE	REMOVAL (STG. I)
76	3699.2	194.9	5.7'	TREE	REMOVAL (STG. I)
77	3715.6	190.0	0.4'	TREE	REMOVAL (STG. I)
78	3722.1	193.7	3.9'	TREE	REMOVAL (STG. I)
79	3761.2	192.0	1.2'	TREE	REMOVAL (STG. I)
80	3764.2	197.1	6.2'	TREE	REMOVAL (STG. I)
81	3794.9	193.2	1.6'	TREE	REMOVAL (STG. I)
82	3805.2	196.1	4.2'	TREE	REMOVAL (STG. I)
83	3879.8	196.0	2.3'	TREE	REMOVAL (STG. I)

OBSTRUCTION TABLE FOR RUNWAY 15 (ULT. 40:1 TERPS DEPARTURE SURFACE) STAGE III

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 40:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	1860.9	130.9	2.4'	TREE	REMOVAL (STG. III)
2	1972.0	141.5	10.3'	UP	RELOCATE (STG. III)
3	2058.2	147.9	14.5'	UP	RELOCATE (STG. III)
4	2095.9	144.3	10.0'	TREE	REMOVAL (STG. III)
5	2804.0	162.3	10.3'	TREE	REMOVAL (STG. III)
6	2937.0	164.4	9.0'	TREE	REMOVAL (STG. III)
7	3015.6	171.3	14.0'	TREE	REMOVAL (STG. III)
8	3044.4	162.1	4.0'	TREE	REMOVAL (STG. III)
9	3136.3	170.9	10.5'	TREE	REMOVAL (STG. III)
10	3153.6	166.2	5.4'	TREE	REMOVAL (STG. III)
11	3240.3	173.8	10.8'	TREE	REMOVAL (STG. III)
12	3276.5	171.5	7.6'	TREE	REMOVAL (STG. III)
13	3305.3	177.7	13.1'	TREE	REMOVAL (STG. III)
14	3314.0	169.4	4.6'	TREE	REMOVAL (STG. III)
15	3337.3	169.0	3.6'	TREE	REMOVAL (STG. III)
16	3409.9	180.2	13.0'	TREE	REMOVAL (STG. III)
17	3468.4	172.0	3.3'	TREE	REMOVAL (STG. III)
18	3476.2	176.8	7.9'	TREE	REMOVAL (STG. III)
19	3490.0	172.3	3.1'	TREE	REMOVAL (STG. III)
20	3504.4	170.2	0.6'	TREE	REMOVAL (STG. III)
21	3515.7	176.5	6.7'	TREE	REMOVAL (STG. III)
22	3533.2	183.6	13.3'	TREE	REMOVAL (STG. III)
23	3567.2	173.3	2.2'	TREE	REMOVAL (STG. III)
24	3569.5	179.8	8.6'	TREE	REMOVAL (STG. III)
25	3579.2	178.2	6.8'	TREE	REMOVAL (STG. III)
26	3586.9	179.8	8.2'	TREE	REMOVAL (STG. III)
27	3587.7	172.1	0.5'	TREE	REMOVAL (STG. III)
28	3658.7	185.3	11.9'	TREE	REMOVAL (STG. III)
29	3687.5	184.4	10.3'	TREE	REMOVAL (STG. III)
30	3688.5	176.1	1.9'	TREE	REMOVAL (STG. III)
31	3689.6	183.7	9.5'	TREE	REMOVAL (STG. III)
32	3718.7	178.7	3.8'	TREE	REMOVAL (STG. III)
33	3719.4	176.7	1.8'	TREE	REMOVAL (STG. III)
34	3745.7	179.7	4.1'	TREE	REMOVAL (STG. III)
35	3755.9	182.9	7.1'	TREE	REMOVAL (STG. III)
36	3758.1	180.7	4.8'	TREE	REMOVAL (STG. III)
37	3762.8	178.5	2.5'	TREE	REMOVAL (STG. III)
38	3773.0	189.3	13.0'	TREE	REMOVAL (STG. III)
39	3773.5	181.8	5.5'	TREE	REMOVAL (STG. III)
40	3806.3	178.6	1.5'	TREE	REMOVAL (STG. III)
41	3834.8	193.7	15.9'	TREE	REMOVAL (STG. III)
42	3855.1	185.0	6.7'	TREE	REMOVAL (STG. III)
43	3885.8	190.6	11.5'	TREE	REMOVAL (STG. III)
44	3904.5	191.1	11.5'	TREE	REMOVAL (STG. III)
45	3917.9	193.9	14.0'	TREE	REMOVAL (STG. III)
46	3918.1	194.0	14.1'	TREE	REMOVAL (STG. III)
47	3937.5	185.0	4.6'	TREE	REMOVAL (STG. III)

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

REV. NO.	DESCRIPTION	DATE

REVISIONS

PROJECT MANAGER JJB	DRAWING SCALE 1"= 200'
DRAWN BY RBT	PROJECT DATE MARCH 2009
APPROVED BY JJB	PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN	

WK DICKSON
community infrastructure consultants

1001 PINNACLE POINT DRIVE
SUITE 110
COLUMBIA, SC 29223
(803) 786-4261

Office Locations:
North Carolina Georgia
South Carolina Kentucky

RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

DRAFT

CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

DEPARTURE SURFACES
RUNWAY 15

OBSTRUCTION TABLE FOR RUNWAY 33 (EX. 40:1 TERPS DEPARTURE SURFACE)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 40:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	449.5	183.2	52.1'	TREE	REMOVAL (STG. I)
2	465.7	175.9	44.4'	TREE	REMOVAL (STG. I)
3	479.5	187.3	55.5'	TREE	REMOVAL (STG. I)
4	514.1	171.2	38.5'	TREE	REMOVAL (STG. I)
5	531.9	190.7	57.6'	TREE	REMOVAL (STG. I)
6	560.7	170.3	36.4'	TREE	REMOVAL (STG. I)
7	577.7	191.8	57.5'	TREE	REMOVAL (STG. I)
8	601.9	169.4	34.5'	TREE	REMOVAL (STG. I)
9	622.3	169.2	33.8'	TREE	REMOVAL (STG. I)
10	657.1	166.4	30.1'	TREE	REMOVAL (STG. I)
11	657.7	172.0	35.7'	TREE	REMOVAL (STG. I)
12	698.6	170.6	33.3'	TREE	REMOVAL (STG. I)
13	704.9	178.2	40.7'	TREE	REMOVAL (STG. I)
14	711.5	160.8	23.2'	TREE	REMOVAL (STG. I)
15	734.0	166.1	27.9'	TREE	REMOVAL (STG. I)
16	738.6	163.3	25.0'	TREE	REMOVAL (STG. I)
17	852.3	144.3	3.1'	TREE	REMOVAL (STG. I)
18	1012.6	197.3	52.1'	TREE	REMOVAL (STG. I)
19	1069.3	204.8	58.2'	TREE	REMOVAL (STG. I)
20	1092.2	192.5	45.3'	TREE	REMOVAL (STG. I)
21	1115.5	192.7	45.0'	TREE	REMOVAL (STG. I)
22	1143.2	201.6	53.2'	TREE	REMOVAL (STG. I)
23	1163.0	200.7	51.8'	TREE	REMOVAL (STG. I)
24	1216.3	188.3	38.0'	TREE	REMOVAL (STG. I)
25	1217.3	178.4	28.1'	TREE	REMOVAL (STG. I)
26	1260.9	189.6	38.2'	TREE	REMOVAL (STG. I)
27	1286.6	201.8	49.8'	TREE	REMOVAL (STG. I)
28	1317.6	209.4	56.6'	TREE	REMOVAL (STG. I)
29	1363.2	190.5	36.6'	TREE	REMOVAL (STG. I)
30	1379.7	168.5	14.2'	TREE	REMOVAL (STG. I)
31	1440.9	164.8	8.9'	TREE	REMOVAL (STG. I)
32	1506.2	163.7	6.2'	TREE	REMOVAL (STG. I)
33	1586.5	172.3	12.8'	TREE	REMOVAL (STG. I)
34	1599.3	167.3	7.5'	TREE	REMOVAL (STG. I)
35	1638.5	177.1	16.3'	TREE	REMOVAL (STG. I)
36	1697.8	179.4	17.1'	TREE	REMOVAL (STG. I)
37	1749.8	189.6	26.0'	TREE	REMOVAL (STG. I)
38	1753.3	185.5	21.8'	TREE	REMOVAL (STG. I)
39	1786.1	173.3	8.8'	TREE	REMOVAL (STG. I)
40	1813.2	172.8	7.6'	TREE	REMOVAL (STG. I)
41	1847.6	169.3	3.3'	TREE	REMOVAL (STG. I)
42	1909.4	173.4	5.8'	TREE	REMOVAL (STG. I)
43	1954.0	182.7	14.0'	TREE	REMOVAL (STG. I)
44	1957.0	178.7	9.9'	TREE	REMOVAL (STG. I)
45	1967.4	172.7	3.7'	TREE	REMOVAL (STG. I)
46	2011.6	170.3	0.2'	TREE	REMOVAL (STG. I)
47	2012.0	172.2	2.1'	TREE	REMOVAL (STG. I)
48	2017.8	174.3	4.0'	TREE	REMOVAL (STG. I)
49	2020.9	177.2	6.8'	TREE	REMOVAL (STG. I)
50	2059.1	175.1	3.8'	TREE	REMOVAL (STG. I)

OBSTRUCTION TABLE FOR RUNWAY 33 (ULT. 40:1 TERPS DEPARTURE SURFACE)

LABEL	STATION	OBSTRUCTION ELEVATION	PENETRATION (FT) 40:1 SURFACE	OBSTRUCTION DESCRIPTION	MITIGATION
1	14.4	151.8	22.1'	HANGAR	REMOVAL (STG. I)
2	142.7	153.0	20.1'	HANGAR	REMOVAL (STG. I)
3	458.0	195.6	54.9'	TREE	REMOVAL (STG. I)
4	512.4	196.2	54.1'	TREE	REMOVAL (STG. I)
5	523.8	186.1	43.7'	TREE	REMOVAL (STG. I)
6	557.4	199.2	56.0'	TREE	REMOVAL (STG. I)
7	630.8	185.6	40.5'	TREE	REMOVAL (STG. I)
8	636.9	173.7	28.5'	TREE	REMOVAL (STG. I)
9	747.0	193.4	45.4'	TREE	REMOVAL (STG. I)
10	925.4	197.5	45.1'	TREE	REMOVAL (STG. I)
11	972.0	195.0	41.4'	TREE	REMOVAL (STG. I)
12	1014.7	199.4	44.7'	TREE	REMOVAL (STG. I)
13	1080.9	199.0	42.7'	TREE	REMOVAL (STG. I)
14	1141.4	186.3	28.5'	TREE	REMOVAL (STG. I)
15	1185.0	192.7	33.8'	TREE	REMOVAL (STG. I)
16	1242.6	178.8	18.4'	TREE	REMOVAL (STG. I)
17	1269.0	167.0	6.0'	TREE	REMOVAL (STG. I)
18	1354.0	194.4	31.3'	TREE	REMOVAL (STG. I)
19	1355.8	188.6	25.4'	TREE	REMOVAL (STG. I)
20	1376.4	194.1	30.4'	TREE	REMOVAL (STG. I)
21	1440.0	193.4	28.1'	TREE	REMOVAL (STG. I)
22	1466.8	176.3	10.3'	TREE	REMOVAL (STG. I)
23	1504.9	170.7	3.8'	TREE	REMOVAL (STG. I)
24	1594.7	173.7	4.5'	TREE	REMOVAL (STG. I)
25	1751.0	185.4	12.3'	TREE	REMOVAL (STG. I)

MAG. DEC. 8° 37' (W) FEB. 2009
RATE OF CHANGE = 0' 2' W/YR.
TRUE

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I | STAGE II | STAGE III

RUNWAY 15

PLAN

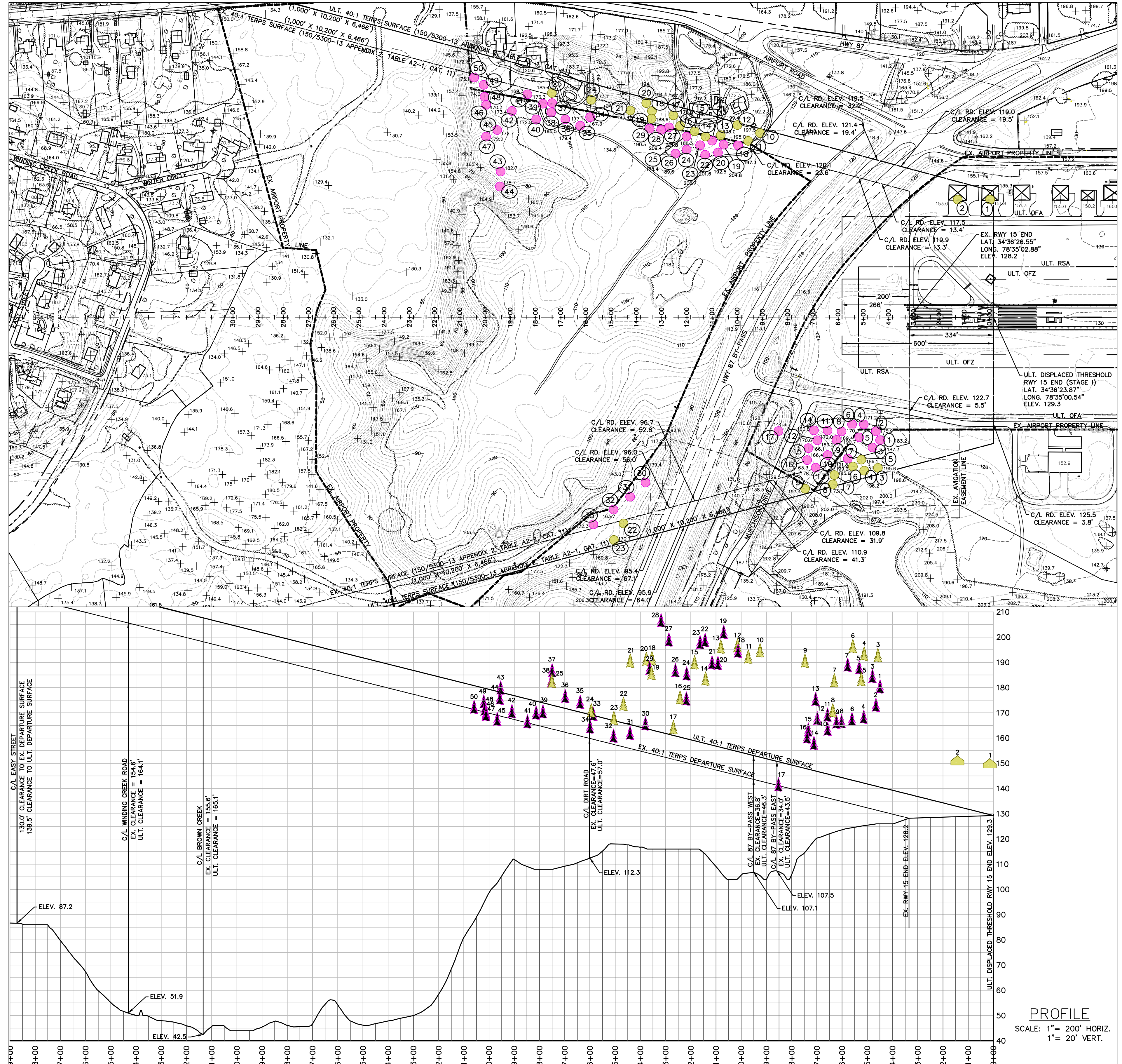
SCALE: 1" = 200'

NOTE:

1: INFORMATION USED TO DETERMINE OBSTRUCTIONS WAS FLOWN ON JUNE OF 2009 BY THE SANBORN MAP COMPANY, INC.

2: NORTHING/EASTING COORDINATES ARE NAD 83.

3: ELEVATIONS ARE NAVD 88.



OBSTUCTION LEGEND

TREE OBSTRUCTION EX. 40:1 RUNWAY 33 DEPARTURE	
TREE OBSTRUCTION ULT. 40:1 RUNWAY 33 DEPARTURE	
HANGAR OBSTRUCTION ULT. 40:1 RUNWAY 33 DEPARTURE	

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

REV. NO.	DESCRIPTION	DATE

REVISIONS

PROJECT MANAGER JJB
DRAWING SCALE 1"= 200'
DRAWN BY RBT
PROJECT DATE MARCH 2009
APPROVED BY JJB
PROJECT NUMBER 80527.00.CA
FILE NAME 80527 MASTER PLAN

WK DICKSON
community infrastructure consultants

1001 PINNACLE POINT DRIVE
SUITE 110
COLUMBIA, SC 29223
(803) 786-4261

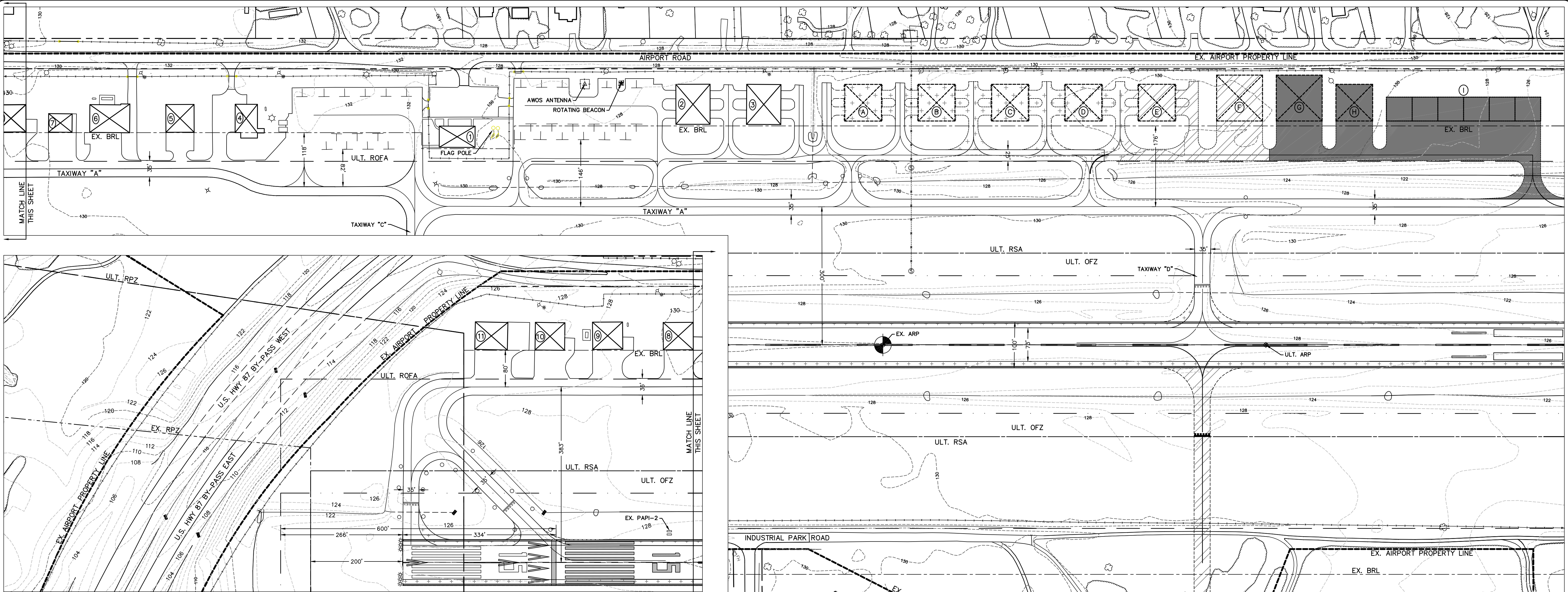
Office Locations:
North Carolina Georgia
South Carolina Kentucky

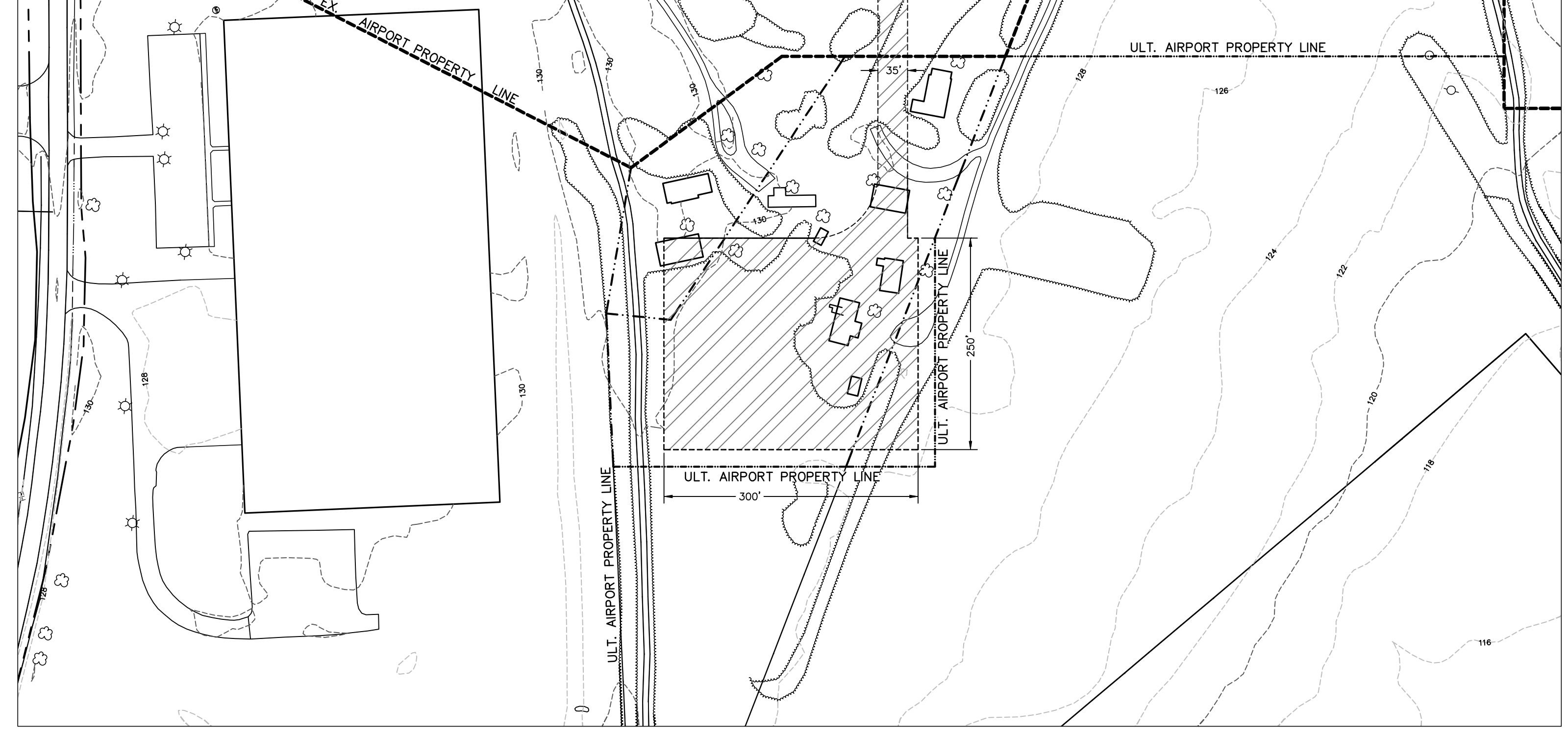
RELEASED FOR	DATE
APPROVALS	
BIDDING	
CONSTRUCTION	
RECORD DWG.	

DRAFT

CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

DEPARTURE SURFACES
RUNWAY 33





EXISTING FACILITIES TABLE

UNIT #	OWNER	OCCUPANT	UNIT TYPE	UNIT (SF)	TOP ELEV.
1	Airport Commission	Mitch & Oscor Taylor	Terminal Building	3,600	153.0
2 – Unit A1	Airport Commission	Sammy Cains	4 Unit Box Hangar	1,600	150.8
2 – Unit A2	Airport Commission	Donald Smith	4 Unit Box Hangar	1,600	150.8
2 – Unit A3	Airport Commission	Dennis Hester	4 Unit Box Hangar	1,600	150.8
2 – Unit A4	Airport Commission	Pem Jenkins	4 Unit Box Hangar	1,600	150.8
3 – Unit B5	Airport Commission	Rusty Worley	4 Unit Box Hangar	1,600	150.8
3 – Unit B6	Airport Commission	Craig Sasser	4 Unit Box Hangar	1,600	150.8
3 – Unit B7	Airport Commission	Max Coates	4 Unit Box Hangar	1,600	150.8
3 – Unit B8	Airport Commission	Bladden County Sheriffs Dept.	4 Unit Box Hangar	1,600	150.8
4	Brian Cambell	Contaminant Control	Box Hangar	3,570	156.0
5	Giles Clark	Giles Clark	Box Hangar	3,720	154.8
6	Giles Clark	Blackhawk Modification	Box Hangar	5,320	160.9
7	Dean Thomas	Dean Thomas	Box Hangar	2,060	150.2
8	C. D. McLean	C. D. McLean & Steve Willis Aviation	Box Hangar	3,600	155.0
9	Brian Cambell	Brian Cambell	Box Hangar	3,600	151.3
10	Brian Cambell	Brian Cambell	Box Hangar	3,600	151.8
11	David Clark	Sky High 2 LLC Corporation	Box Hangar	3,600	153.0

LEGEND

EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I

STAGE II

STAGE III

ULTIMATE FACILITIES TABLE

UNIT #	UNIT TYPE	UNIT Sq. Ft.	TOP ELEVATION
A	80' X 80' Box Hangar	6,400	154
B	80' X 80' Box Hangar	6,400	154
C	80' X 80' Box Hangar	6,400	154
D	80' X 80' Box Hangar	6,400	154
E	80' X 80' Box Hangar	6,400	154
F	100' X 100' Corporate Hangar	10,000	154
G	100' X 100' Corporate Hangar	10,000	154
H	80' X 80' Box Hangar	6,400	154
I	6 Unit Clear Span Hangar	2,912 each	142

GRAPHIC SCALE

300 0 150 300 600 1200

(IN FEET)
1 inch = 300 ft.

REV. NO.	DESCRIPTION	DATE

REVISIONS

PROJECT MANAGER JJB
DRAWN BY RBT
APPROVED BY JJB
FILE NAME 80527 MASTER PLAN
DRAWING SCALE 1"= 400'
PROJECT DATE MARCH 2009
PROJECT NUMBER 80527.00.CA

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Office Locations:
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South Carolina Kentucky

RELEASED FOR	DATE
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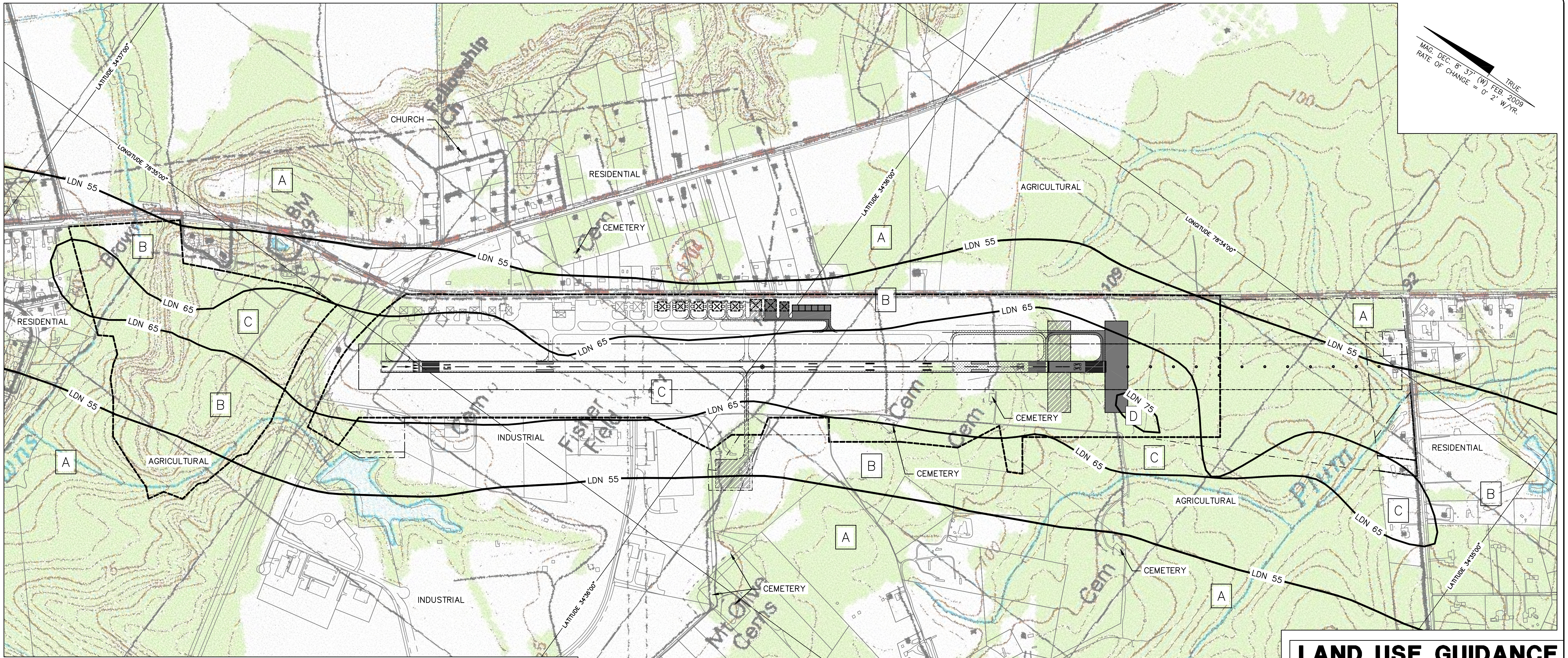
CONSTRUCTION	
RECORD DWG.	

DRAFT

CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

TERMINAL AREA PLAN (TAP)



LAND USE GUIDANCE (LUG) CHART

LAND USE	SUGGESTED LUG ZONE
RESIDENTIAL	A–B
HOUSEHOLD UNITS	
SINGLE UNITS – DETACHED	A
SINGLE UNITS – SEMI ATTACHED	A
SINGLE UNITS – ATTACHED ROW	B
TWO UNITS – SIDE BY SIDE	A
TWO UNITS – ONE ABOVE THE OTHER	A
APARTMENTS – WALK UP	B
APARTMENTS – ELEVATOR	B–C
GROUP QUARTERS	A–B
RESIDENTIAL HOTELS	B
MOBILE HOME PARKS OR COURTS	A
TRANSIENT LODGINGS	C
OTHER RESIDENTIAL	A,B,C
MANUFACTURING	
FOOD AND KINDRED PRODUCTS – MANUFACTURING	C–D
TEXTILE MILL PRODUCTS – MANUFACTURING	C–D
APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS, LEATHER, AND SIMILAR MATERIALS – MANUFACTURING	C–D
LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) – MANUFACTURING	C–D
FURNITURE AND FIXTURES – MANUFACTURING	C–D
PAPER AND ALLIED PRODUCTS – MANUFACTURING	C–D
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	C–D
CHEMICALS AND ALLIED PRODUCTS – MANUFACTURING	C–D
PETROLEUM REFINING AND RELATED INDUSTRIES	C–D
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS – MANUFACTURING	C–D
STONE, CLAY, AND GLASS PRODUCTS – MANUFACTURING	C–D
PRIMARY METAL INDUSTRIES	D
FABRICATED METAL PRODUCTS – MANUFACTURING	D
MANUFACTURING (CONTINUED)	
PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS: PHOTOGRAPHIC AND OPTICAL GOODS; WATCHES & CLOCKS – MANUFACTURING	B
MISCELLANEOUS MANUFACTURING	C–D
TRANSPORTATION COMMUNICATION AND UTILITIES	
RAILROAD, RAPID RAIL TRANSIT AND STREET RAILWAY TRANSPORTATION	D
MOTOR VEHICLE TRANSPORTATION	D
AIRCRAFT TRANSPORTATION	D
MARINE CRAFT TRANSPORTATION	D
HIGHWAY AND STREET RIGHT–OF–WAY	D
AUTOMOBILE PARKING	D
COMMUNICATIONS	A,B,C,D
UTILITIES	D
OTHER TRANSPORTATION, COMMUNICATION AND UTILITIES.	A,B,C,D
TRADE	
WHOLESALE TRADE	C–D
RETAIL TRADE – BUILDING MATERIALS, HARDWARE AND FARM EQUIPMENT	C
RETAIL TRADE – GENERAL MERCHANDISE	C
RETAIL TRADE – FOOD	C
RETAIL TRADE – AUTOMOTIVE, MARINE CRAFT, AIRCRAFT, AND ACCESSORIES	C
RETAIL TRADE – APPAREL AND ACCESSORIES	C
RETAIL TRADE – FURNITURE, HOME FURNISHINGS AND EQUIPMENT	C
RETAIL TRADE – EATING AND DRINKING	C–D
OTHER RETAIL TRADE	
SERVICES	
FINANCE, INSURANCE, AND REAL ESTATE SERVICES	B
PERSONAL SERVICES	B
BUSINESS SERVICE	B
REPAIR SERVICE	C
SERVICES (CONTINUED)	
PROFESSIONAL SERVICES	B–C
CONTRACT CONSTRUCTION SERVICES	C
GOVERNMENTAL SERVICES	B
EDUCATIONAL SERVICES	A–B
MISCELLANEOUS SERVICES	A,B,C
CULTURAL, ENTERTAINMENT, AND RECREATIONAL	
CULTURAL ACTIVITIES AND NATURE EXHIBITIONS	A
PUBLIC ASSEMBLY	A
AMUSEMENTS	C
RECREATIONAL ACTIVITIES	B–C
RESORTS AND GROUP CAMPS	A
PARKS	A,B,C
OTHER CULTURAL, ENTERTAINMENT, AND RECREATIONAL	A–B

LEGEND

NOISE CONTOUR	LDN 65
AIRPORT PROPERTY LINE	
ULT. AIRPORT PROPERTY LINE	
EXST. EASEMENT LINE	
ULT. EASEMENT LINE	

NOTES:

1. LAND USE GUIDANCE CHART AND ZONE DESCRIPTIONS FROM AIRPORT LAND USE COMPATIBILITY PLANNING, AC–150/5020–1, PAGES 1,2,3, AND 4 OF APPENDIX 1 AND FAR PART 150, JULY 18,1985.
2. NOISE CONTOURS GENERATED USING FAA's INTEGRATED NOISE MODEL, USING THE 2026 ACTIVITY LEVELS AND CRITICAL AIRCRAFT.
3. LAND USES RECOMMENDED ON THIS PLAN ARE BASED ON AIRCRAFT NOISE LEVELS. HEIGHT RESTRICTIONS ARE BASED ON FAR PART 77 AND ARE INCLUDED ON SHEET 3 & 4, "AIRPORT AIRSPACE PLAN."
4. SAMPSON COUNTY CURRENTLY HAS A ZONING ORDINANCE, INCLUDING HEIGHT AND HAZARD ZONING, IN PLACE

GRAPHIC SCALE

400 0 200 400 800 1600

(IN FEET)
1 inch = 400 ft.

LAND USE GUIDANCE

LUG ZONE	AVERAGE DAY NIGHT SOUND LEVEL (LDN)
D	LDN 75 or GREATER
	LAND SHOULD BE RESERVED FOR ACTIVITIES THAT CAN TOLERATE A HIGH LEVEL OF SOUND EXPOSURE SUCH AS SOME AGRICULTURAL, INDUSTRIAL, AND COMMERCIAL USES. NO RESIDENTIAL DEVELOPMENTS OF ANY TYPE ARE RECOMMENDED. SOUND SENSITIVE ACTIVITIES SUCH AS SCHOOLS, OFFICES, HOSPITALS, CHURCHES, AND LIKE ACTIVITIES SHOULD NOT BE CONSTRUCTED IN THIS AREA UNLESS NO ALTERNATIVE LOCATION IS POSSIBLE. ALL REGULARLY OCCUPIED STRUCTURES SHOULD CONSIDER SOUND CONTROL IN DESIGN.
C	LDN 65 – 75
	ACTIVITIES WHERE UNINTERRUPTED COMMUNICATION IS ESSENTIAL SHOULD CONSIDER SOUND EXPOSURE IN DESIGN. GENERALLY, RESIDENTIAL DEVELOPMENT IS NOT CONSIDERED A SUITABLE USE ALTHOUGH MULTIFAMILY DEVELOPMENTS WHERE SOUND CONTROL FEATURES HAVE BEEN INCORPORATED IN BUILDING DESIGN MIGHT BE CONSIDERED. OPEN–AIR ACTIVITIES AND OUTDOOR LIVING WILL BE AFFECTED BY AIRCRAFT SOUND. THE CONSTRUCTION OF AUDITORIUMS, SCHOOLS, CHURCHES, HOSPITALS, THEATERS, AND LIKE ACTIVITIES SHOULD BE AVOIDED WITHIN THIS ZONE WHERE POSSIBLE.
B	LDN 55 – 65
	FEW ACTIVITIES WILL BE AFFECTED BY AIRCRAFT SOUNDS, ALTHOUGH BUILDING DESIGNS FOR ESPECIALLY SOUND SENSITIVE ACTIVITIES SUCH AS AUDITORIUMS, CHURCHES, SCHOOLS, HOSPITALS, AND THEATERS SHOULD CONSIDER SOUND CONTROL IN AREAS CLOSEST TO THE AIRPORT. DETAILED STUDIES BY QUALIFIED PERSONNEL ARE RECOMMENDED FOR OUTDOOR AMPHITHEATERS AND LIKE PLACES OF PUBLIC ASSEMBLY IN THE GENERAL VICINITY OF THE AIRPORT.
A	LDN 55 and LESS
	CLEARLY ACCEPTABLE NOISE LEVEL. NO SPECIAL CONSIDERATIONS REQUIRED.

REV. NO.	DESCRIPTION	DATE

REVISIONS

PROJECT MANAGER: JJB	DRAWING SCALE: 1"= 400'
DRAWN BY: RBT	PROJECT DATE: MARCH 2009
APPROVED BY: JJB	PROJECT NUMBER: 80527.00.CA
FILE NAME: 80527 MASTER PLAN	

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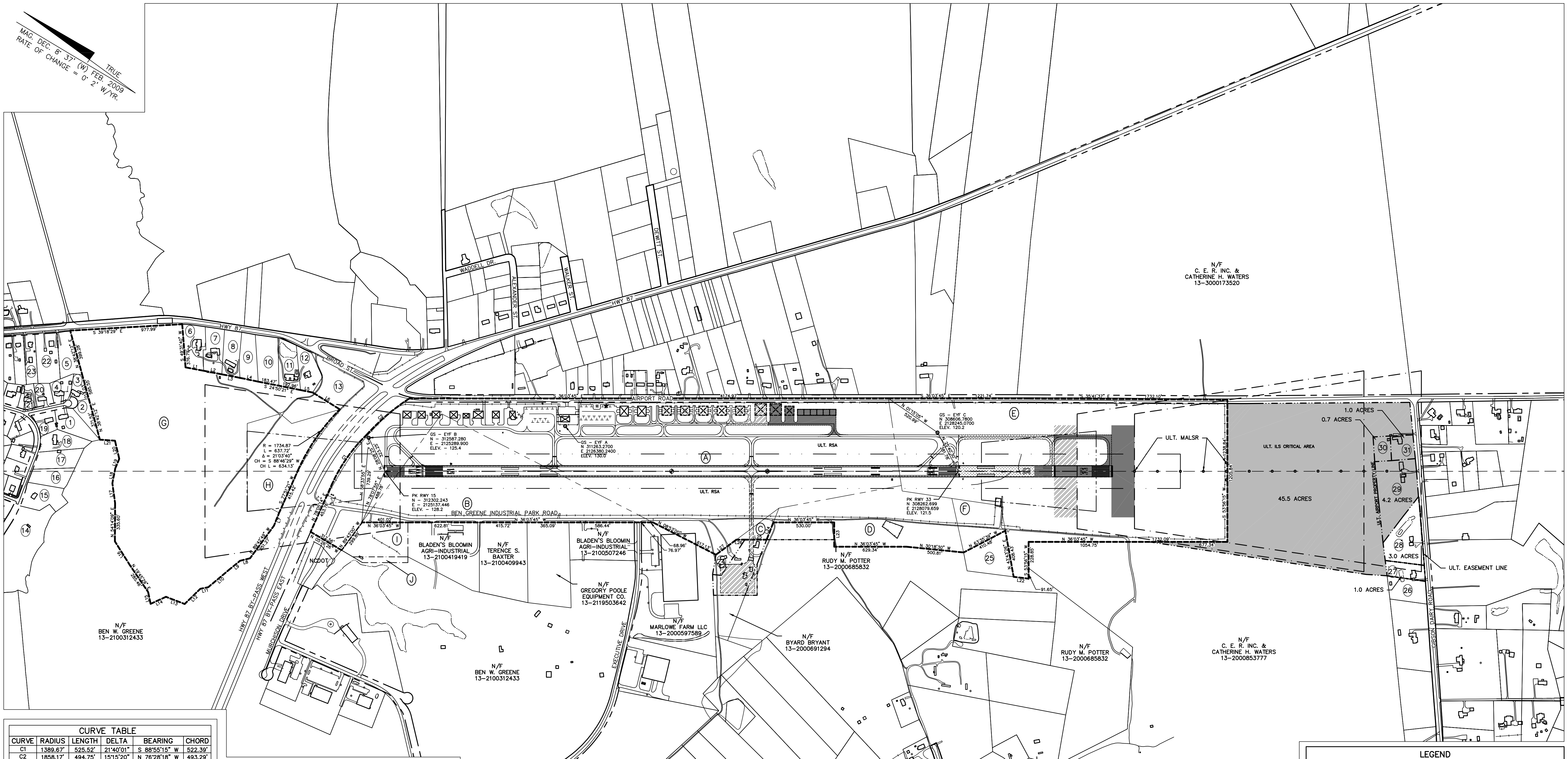
RECORD DWG.	

DRAFT

CURTIS L. BROWN, JR. FIELD
ELIZABETHTOWN, NORTH CAROLINA

LAND USE PLAN (2)



CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	BEARING	CHORD
C1	1389.67'	525.52'	21°40'01"	S 88°55'15" W	522.39'
C2	1858.17'	494.75'	15°15'20"	N 76°28'18" W	493.29'

LINE TABLE		
LINE	LENGTH	BEARING
L1	160.71'	S 25°17'08" E
L2	161.83'	S 25°00'35" E
L3	108.45'	S 24°34'16" E
L4	279.77'	S 04°09'13" E
L8	121.41'	S 76°23'34" W
L9	8.65'	N 49°44'23" W
L10	90.66'	N 50°15'19" W
L11	71.66'	N 47°56'38" W
L12	191.53'	N 80°29'30" W
L13	174.91'	N 15°09'38" W
L14	148.27'	N 61°20'48" W
L15	105.02'	N 42°22'19" E
L16	172.09'	N 45°59'14" E
L17	133.43'	N 65°02'49" E
L18	89.80'	N 76°32'29" E
L19	161.94'	N 40°46'19" E
L20	131.95'	N 31°53'36" W
L21	131.34'	N 28°54'17" W
L22	211.71'	N 53°56'15" E
L23	161.23'	S 75°14'13" W
L24	189.49'	N 36°03'45" W
L25	74.38'	N 36°03'45" W
L26	221.54'	N 72°31'54" W

TRACT	OWNER	PARCEL ID
1	JEANETTE B. BRIDGERS	13-2114348604
2	MICHAEL H. SHAW	13-2114349567
3	MICHAEL H. SHAW	13-2114440788
4	JAMES D. MALEK	13-2114349982
5	ALBERT B. WOODBURN	13-2110452048
6	KENNETH R. DAVIS	13-2114449251
7	WORTH HESTER	13-2114431123
8	SCOTI L. USSERY	13-2115530990
9	STEVEN L. USSERY	13-2115531776
10	WALTER C. McDUFFIE	13-2115532650
11	WALTER C. McDUFFIE	13-2115533405
12	ANITA H. WILLINGTON	13-2115533259
13	STEVEN W. TATUM	13-2115534087
14	G. H. DEVELOPERS	13-2114246468
15	JOB R. & JAMES W. CONNOR	13-2114340567
16	VICKIE WEIGLE	13-2114343523
17	THE MKJS CORPORATION	13-2114344577
18	KATHRYN B. SHAW	13-2114346615
19	RICHARD J. FRADY Sr.	13-2114346855
20	JAN L. J. CHAUNCEY	13-2110358053
21	DONALD SHOLAR	13-2110357152
22	HUBERT H. BRYAN	13-2110451240
23	WINFRED STRAUGHAN	13-2110450330
24	BYARD BRYANT Jr.	13-2000691481
25	ALBERT KEMP	13-2000775543
26	JOHN W. MAGGAVOCK	13-2000944480
27	JOHN W. MAGGAVOCK	13-2000946523
28	MARILYN P. JORDAN	13-2000948659
29	GORDON B. KINLAW Jr.	13-3000051064
30	DAVID YANDLE	13-3000053333
31	DAVID YANDLE	13-3000054240

TRACT	AQUIRED FROM	INTEREST	ACREAGE	DATE ACQUIRED	DEED BK	DEED PG	GRANT SOURCE
A	WILSON L. FISHER	FEE SIMPLE	89.1	12/31/85	276	350	NCDOT GRANT 9.934210
B	GREENE BROTHERS LUMBER COMPANY	FEE SIMPLE	27.5	2/21/86	277	276	NCDOT GRANT 9.934210
C	BYARD & MELBA LOUISE BRYANT	FEE SIMPLE	0.8	12/31/85	276	346	NCDOT GRANT 9.934210
D	C. R. & LUCILLE S. POTTER	FEE SIMPLE	13.7	12/31/85	276	348	NCDOT GRANT 9.934210
E	CATHERINE McKAY & DUNCAN A. HUTCHINSON	FEE SIMPLE	75.6	12/31/85	276	344	NCDOT GRANT 9.934210
F	BEATRICE COWELS, RUBY PANION & FLORENCE COOKE	FEE SIMPLE	3.2	2/12/86	277	77	NCDOT GRANT 9.934210
G	STEVEN W. & SUSAN RENEE S. TATUM	FEE SIMPLE	65.7	9/15/05	576	722	NCDOT GRANT 36237.4.2.1
H	WILSON L. FISHER	FEE SIMPLE	8.9	12/31/85	276	350	NCDOT GRANT 9.934210
I	GREENE BROTHERS LUMBER COMPANY	EASEMENT	3.4	2/27/86	277	272	NCDOT GRANT 9.934210
J	GREENE BROTHERS LUMBER COMPANY	EASEMENT	0.5	2/27/86	277	272	NCDOT GRANT 9.934210
	TOTAL FEE SIMPLE AIRPORT PROPERTY		284.5				

NOTES & REFERENCES:

1. THIS EXHIBIT "A" PROPERTY MAP IS A COMPOSITE DRAWING COMPILED FOR THE PURPOSE OF INFORMATION ONLY AND IS NOT INTENDED FOR RECORDATION.
2. EXHIBIT "A" PROPERTY MAP FOR ELIZABETHTOWN, NORTH CAROLINA, DATED AUGUST 7, 1985, LAST REVISED APRIL 29, 1986, BY LLOYD R. WALKER, RLS.
3. PROPERTY SURVEY, TATUM SUBDIVISION FOR TOWN OF ELIZABETHTOWN, DATED APRIL 2005, BY WK DICKSON.
4. NO BOUNDARY SURVEY WAS REQUIRED FOR THE COMPILATION OF THIS PROPERTY MAP.

GRAPHIC SCALE

300 0 150 300 600 1200

(IN FEET)
1 inch = 300 ft.

LEGEND		
EXISTING	DESCRIPTION	ULTIMATE
	RUNWAY CENTERLINE	
	RUNWAY SAFETY AREA (RSA)	
	RUNWAY OBJECT FREE AREA (ROFA)	
	RUNWAY OBSTACLE FREE ZONE (ROFZ)	
	RUNWAY PROTECTION ZONE (RPZ)	
	TAXIWAY OBJECT FREE AREA (TOFA)	
	TAXIWAY SAFETY AREA (TSA)	
	BUILDING RESTRICTION LINE (BRL)	
	ILS CRITICAL AREA	
	AIRPORT PAVEMENT	stage
	AIRPORT REFERENCE POINT	
	AIRPORT BUILDINGS	stage
	OTHER BUILDINGS	N/A
	AIRPORT PROPERTY LINE	
	AIRPORT EASEMENT LINE	
	OTHER PROPERTY LINES	N/A
	RAILROAD	N/A
	FENCE	
	ROADS	stage
	TREE LINE	N/A
	WETLANDS	N/A
180	GROUND ELEVATION CONTOURS	
	DITCH/CREEK	N/A
	THRESHOLD LIGHTS	

STAGE I	STAGE II	STAGE III

REV. NO.	DESCRIPTION	DATE
	REVISIONS	

PROJECT MANAGER	DRAWING SCALE
JJB	1"= 400'
DRAWN BY	PROJECT DATE
RBT	MARCH 2009
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ELIZABETHTOWN, NORTH CAROLINA

EXHIBIT "A"